

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.

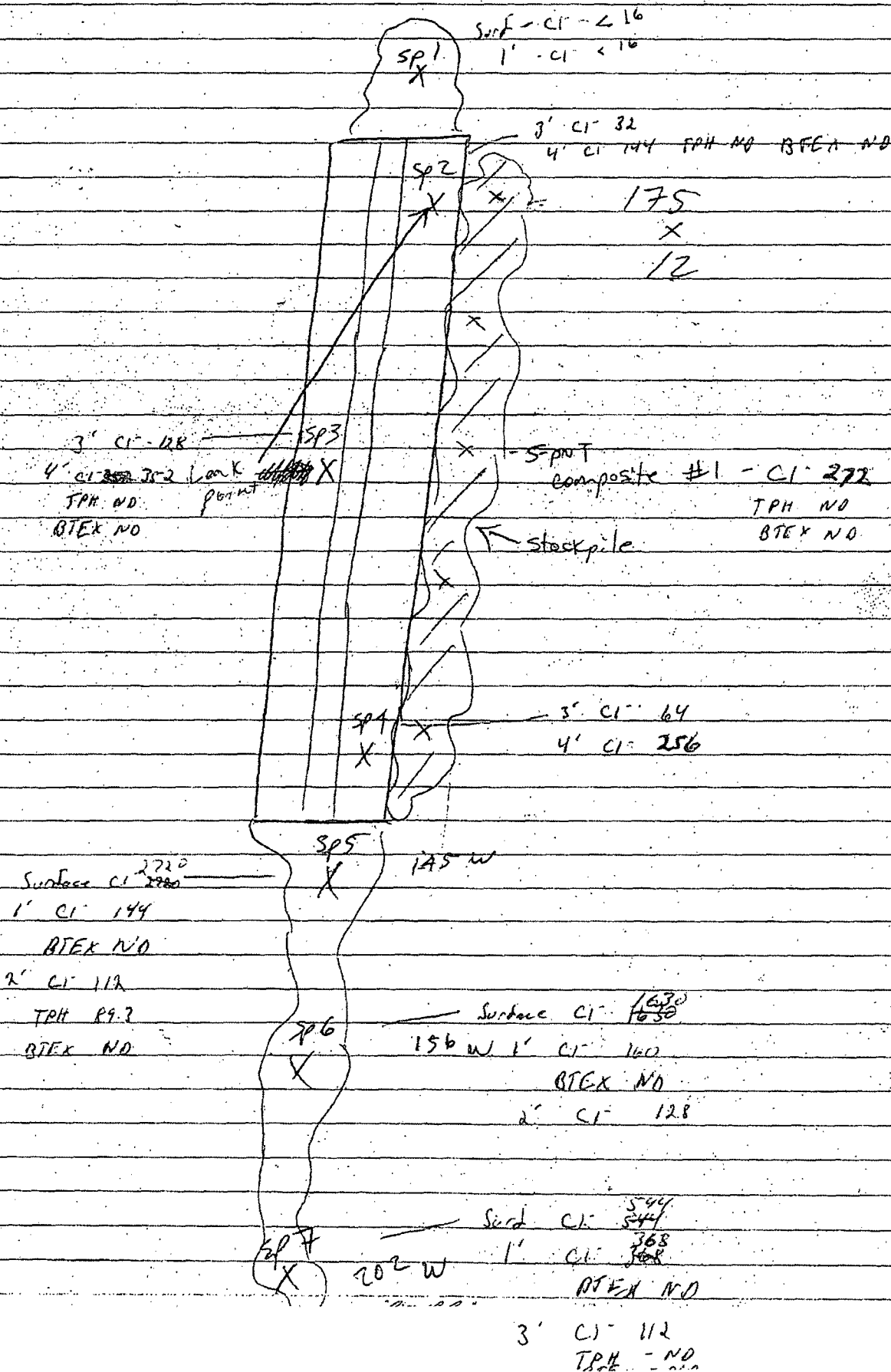
Thanks, Cliff

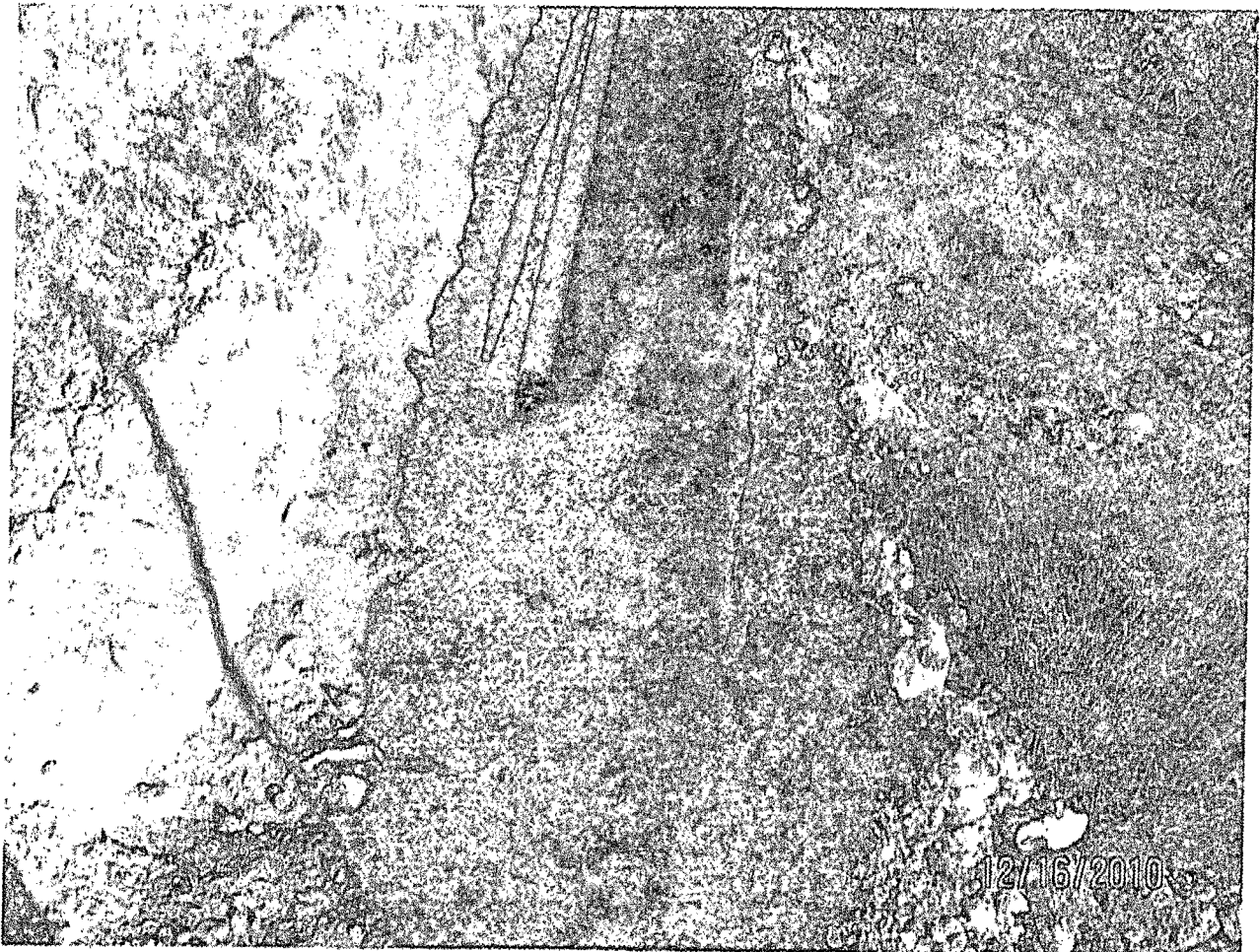
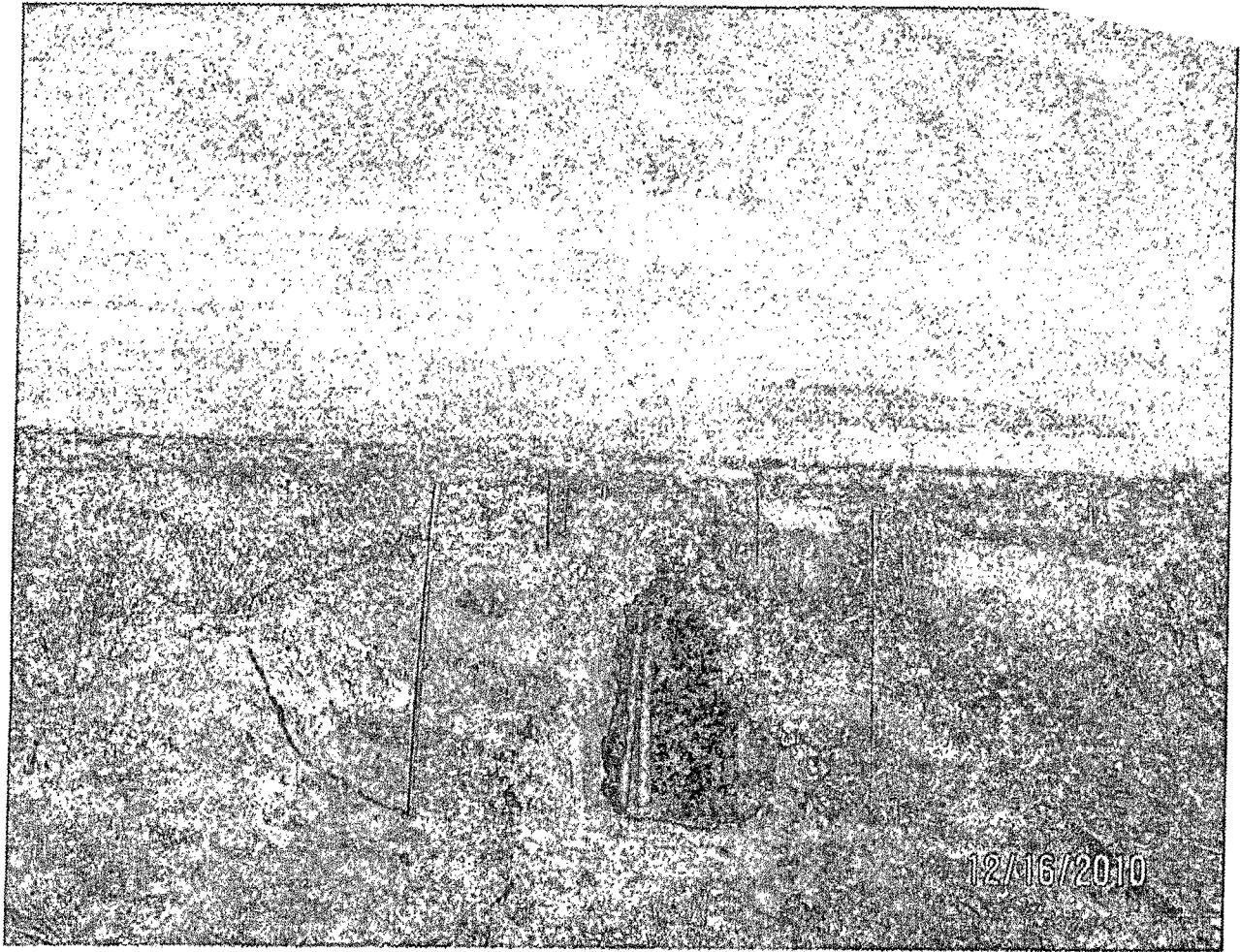
Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
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OXY MidCON / North Indian Basin Unit #15

12-23-10







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

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 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 524.4	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



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: (505) 397-0397

Received: 12/30/2010
Reported: 01/05/2011
Project Name: NORTH INDIAN BASIN UNIT #15
Project Number: NONE GIVEN
Project Location: CARLSBAD, NEW MEXICO

Sampling Date: 12/23/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: 5 POINT COMPOSITE (H021630-01)**BTEX S260B****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*Surrogate: 4-Bromofluorobenzene* 92.9 % 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	272	16.0	01/03/2011	ND	416	104	400	7.41	

TPH 8015M**mg/kg****Analyzed 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

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Page 2 of 13



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Analytical Results For:

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 1 @ SURFACE (H021630-02)

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

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

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

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/03/2011	ND	416	104	400	7.41	

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Analytical Results For:

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 Cliff Brunson
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 Hobbs NM, 88241
 Fax To: (505) 397-0397

 Received: 12/30/2010
 Reported: 01/05/2011
 Project Name: NORTH INDIAN BASIN UNIT #15
 Project Number: NONE GIVEN
 Project Location: CARLSBAD, NEW MEXICO

 Sampling Date: 12/23/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

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

BTEX 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 124 % 80-120

Surrogate: Toluene-d8 90.9 % 80-120

Surrogate: 4-Bromofluorobenzene 94.8 % 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	144	16.0	01/03/2011	ND	416	104	400	7.41	

TPH 8015M			mg/kg		Analyzed 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 114 % 70-130

Surrogate: 1-Chlorooctadecane 125 % 70-130

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Analytical Results For:

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

Received:	12/30/2010	Sampling Date:	12/28/2010
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 3 @ 3 FT. (H021630-06)

Chloride, SM4500Cl-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	

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Analytical Results For:

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

 Received: 12/30/2010
 Reported: 01/05/2011
 Project Name: NORTH INDIAN BASIN UNIT #15
 Project Number: NONE GIVEN
 Project Location: CARLSBAD, NEW MEXICO

 Sampling Date: 12/28/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

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

BTX 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 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		Analyzed 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 % 70-130

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Analytical Results For:

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

Received: 12/30/2010
Reported: 01/05/2011
Project Name: NORTH INDIAN BASIN UNIT #15
Project Number: NONE GIVEN
Project Location: CARLSBAD, NEW MEXICO

Sampling Date: 12/28/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% 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		Analyzed 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 @ SURFACE (H021630-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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	

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Analytical Results For:

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

 Received: 12/30/2010
 Reported: 01/05/2011
 Project Name: NORTH INDIAN BASIN UNIT #15
 Project Number: NONE GIVEN
 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 5 @ 2 FT (H021630-11)
BTEX 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 125 % 80-120

Surrogate: Toluene-d8 90.4 % 80-120

Surrogate: 4-Bromofluorobenzene 94.4 % 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	112	16.0	01/03/2011	ND	416	104	400	7.41	

TPH 8015M
mg/kg
Analyzed 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 % 70-130

Surrogate: 1-Chlorooctadecane 118 % 70-130

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Analytical Results For:

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

Received: 12/30/2010
Reported: 01/05/2011
Project Name: NORTH INDIAN BASIN UNIT #15
Project Number: NONE GIVEN
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 6 @ SURFACE (H021630-12)

Chloride, SM4500Cl-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	416	104	400	7.41	

Sample ID: SP 6 @ 2 FT (H021630-13)

Chloride, SM4500Cl-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	

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	

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Analytical Results For:

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

Received: 12/30/2010
Reported: 01/05/2011
Project Name: NORTH INDIAN BASIN UNIT #15
Project Number: NONE GIVEN
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)

BTX 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 124 % 80-120

Surrogate: Toluene-d8 94.3 % 80-120

Surrogate: 4-Bromofluorobenzene 89.0 % 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	112	16.0	01/03/2011	ND	432	108	400	3.77			

TPH 8015M			mg/kg							Analyzed 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: 1-Chlorooctadecane 116 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

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 5°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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Celey D. Keene, Lab Director/Quality Manager



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. #:				<div style="display: flex; justify-content: space-around; font-size: 2em;"> <div>CL</div> <div>TPH - 8015a</div> <div>BTEX</div> </div>																					
Address: P.O. Box 805				Company:																									
City: Hobbs State: NM Zip: 88241				Attn:																									
Phone #: 575-397-6388 Fax #: 575-397-0397				Address: <i>Same</i>																									
Project #: _____ Project Owner: <i>City-mission</i>				City:																									
Project Name: <i>North Indian Basin Unit #15</i>				State: _____ Zip: _____																									
Project Location: <i>Carlsbad, NM</i>				Phone #:																									
Sampler Name: <i>V.H. Ornelas</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			
H21610-1	<i>Spent Composite</i>	<i>C</i>	<i>1</i>			<i>X</i>				<i>X</i>			<i>12/23/10</i>	<i>9:39</i>	<i>X</i>	<i>X</i>	<i>1</i>												
<i>2</i>	<i>Sp1 @ Surface</i>	<i>C</i>	<i>1</i>			<i>X</i>				<i>X</i>			<i>12/23/10</i>	<i>10:25</i>	<i>X</i>														
<i>3</i>	<i>Sp1 @ 1ft</i>	<i>C</i>	<i>1</i>			<i>X</i>				<i>X</i>			<i>12/23/10</i>	<i>2:22</i>	<i>X</i>														
<i>4</i>	<i>Sp2 @ 3ft</i>	<i>C</i>	<i>1</i>			<i>X</i>				<i>X</i>			<i>12/23/10</i>	<i>11:11</i>	<i>X</i>														
<i>5</i>	<i>Sp2 @ 4ft</i>	<i>C</i>	<i>1</i>			<i>X</i>				<i>X</i>			<i>12/23/10</i>	<i>11:50</i>	<i>X</i>	<i>X</i>	<i>7</i>												
<i>6</i>	<i>Sp3 @ 3ft</i>	<i>C</i>	<i>1</i>			<i>X</i>				<i>X</i>			<i>12/23/10</i>	<i>2:59</i>	<i>X</i>														
<i>7</i>	<i>Sp3 @ 4ft</i>	<i>C</i>	<i>1</i>			<i>X</i>				<i>X</i>			<i>12/23/10</i>	<i>3:25</i>	<i>X</i>	<i>X</i>	<i>X</i>												
<i>8</i>	<i>Sp4 @ 3ft</i>	<i>C</i>	<i>1</i>			<i>X</i>				<i>X</i>			<i>12/23/10</i>	<i>3:59</i>	<i>X</i>														
<i>9</i>	<i>Sp4 @ 4ft</i>	<i>C</i>	<i>1</i>			<i>X</i>				<i>X</i>			<i>12/23/10</i>	<i>4:20</i>	<i>X</i>														
<i>10</i>	<i>Sp5 @ Surface</i>	<i>C</i>	<i>1</i>			<i>X</i>				<i>X</i>			<i>12/23/10</i>	<i>10:16</i>	<i>X</i>														
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any delay arising hereunder based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the 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.</small>																													
Relinquished By: <i>V.H. Ornelas</i>		Date: <i>12-30-10</i>		Received By: <i>Jodi Benson</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:																			
Relinquished By:		Date:		Received By:		REMARKS:																							
Delivered By: (Circle One)		Time:		Sample Condition		CHECKED BY:																							
Sampler - UPS - Bus - Other:				Cool - Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<i>LSK</i>																							

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

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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

2/2

Company Name: BBC International, Inc.				BILL TO												ANALYSIS REQUEST															
Project Manager: Cliff Brunson				P.O. #:												<div style="display: flex; flex-direction: column; align-items: center; justify-content: center;"> <div>CL -</div> <div>TRK - 8015.0</div> <div>BTEX</div> </div>															
Address: P.O. Box 805				Company:																											
City: Hobbs State: NM Zip: 88241				Attn:																											
Phone #: 575-397-6388 Fax #: 575-397-0397				Address: <i>See below</i>																											
Project #: Project Owner: <i>Oxy-midcon</i>				City:																											
Project Name: <i>North Indian Basin Unit #15</i>				State: Zip:																											
Project Location: <i>Carlsbad, NM</i>				Phone #:																											
Sampler Name: <i>Vitt Ornelas</i>				Fax #:																											
FOR LAB USE ONLY																															
Lab I.D.		Sample I.D.		GIRAE OR (COMP. # CONTAINERS)		MATRIX				PRESERV		SAMPLING																			
						GROUNDWATER																									
						SOIL																									
						OIL																									
						SLUDGE																									
						OTHER:																									
						ACID/BASE:																									
						ICE / COOL																									
						OTHER:																									
										DATE		TIME																			
H211070-11		Sp 5 @ 2 ft		G 1								12/24/03		11:00		X X X															
12		Sp 6 @ Surface		G 1								12/24/03		11:11		X X															
13		Sp 6 @ 2 ft		G 1								12/24/03		11:03		X X															
14		Sp 7 @ Surface		G 1								12/24/03		11:19		X X															
15		Sp 7 @ 3 ft		G 1								12/24/03		3:00		X X X															

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Relinquished By:		Date: 12-30-10		Received By:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
<i>Vitt Ornelas</i>		Time: 10:30		<i>Cliff Brunson</i>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Relinquished By:		Date:		Received By:		REMARKS:			
		Time:							
Delivered By: (Circle One)				Sample Condition		CHECKED BY:			
Sampler - UPS - Bus - Other:				Cool / Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		(Initials)			

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

#26



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Analytical Results For:

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

Received:	12/29/2010	Sampling Date:	12/28/2010
Reported:	12/30/2010	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 5 @ 1 FT. W (H021611-01)

BTX 8021B		mg/kg		Analyzed 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) 104 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/29/2010	ND	448	112	400	0.00	

Sample ID: SP 6 @ 1 FT. W (H021611-02)

BTX 8021B		mg/kg		Analyzed 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) 103 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/29/2010	ND	448	112	400	0.00	

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Celest 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: (505) 397-0397

Received: 12/29/2010
Reported: 12/30/2010
Project Name: NORTH INDIAN BASIN UNIT #15
Project Number: NONE GIVEN
Project Location: 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)

BTX 80218		mg/kg		Analyzed 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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	12/29/2010	ND	448	112	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

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

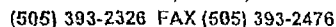
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Celey D. Keene, Lab Director/Quality Manager





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

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 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 524.4	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