

Bratcher, Mike, EMNRD

From: Cliff P. Brunson [cbrunson@bbcinternational.com]
Sent: Sunday, September 18, 2011 4:40 PM
To: Bratcher, Mike, EMNRD
Cc: Dusty Wilson; C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Oxy-Federal 26 #3
Attachments: Oxy Federal 26 #3-Site drawing and lab data.pdf; Oxy Federal 26 #3-Site pictures.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Mike,

This e-mail is to confirm our discussion on September 13, 2011 concerning the remediation plan for the release that occurred at the Oxy Federal 26 #3. As agreed, Oxy will excavate 2 feet of the impacted soil in the spill area and go deeper in the area of SP-4 to get below the 1,000 ppm chloride level. A confirmation sample will be collected in the area of SP-4 which will be analyzed for chloride to verify the levels are below 1,000 ppm per the NMOCD's request. The excavation will then be backfilled with clean soil. The depth to groundwater in this area is approximately 125 feet.

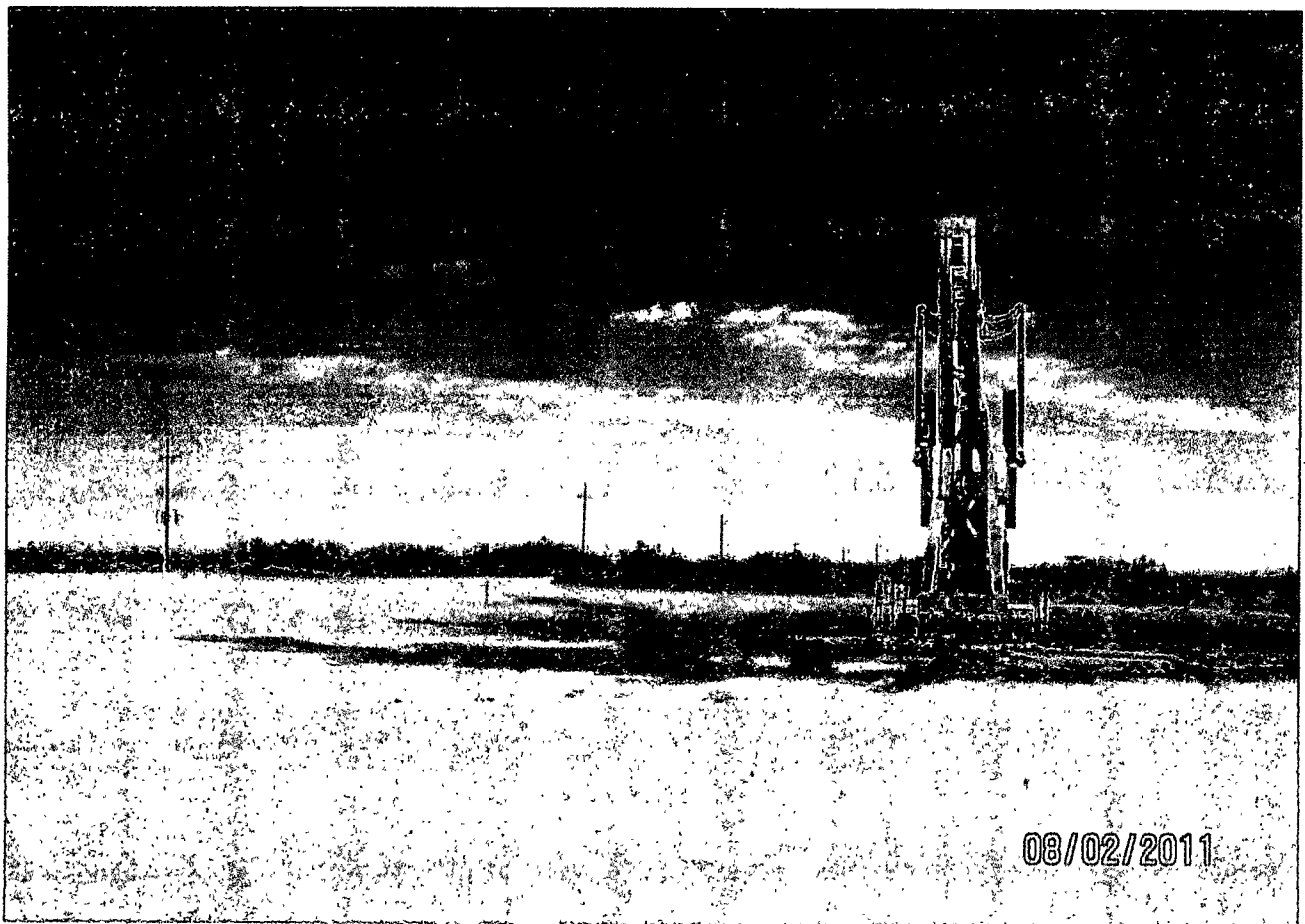
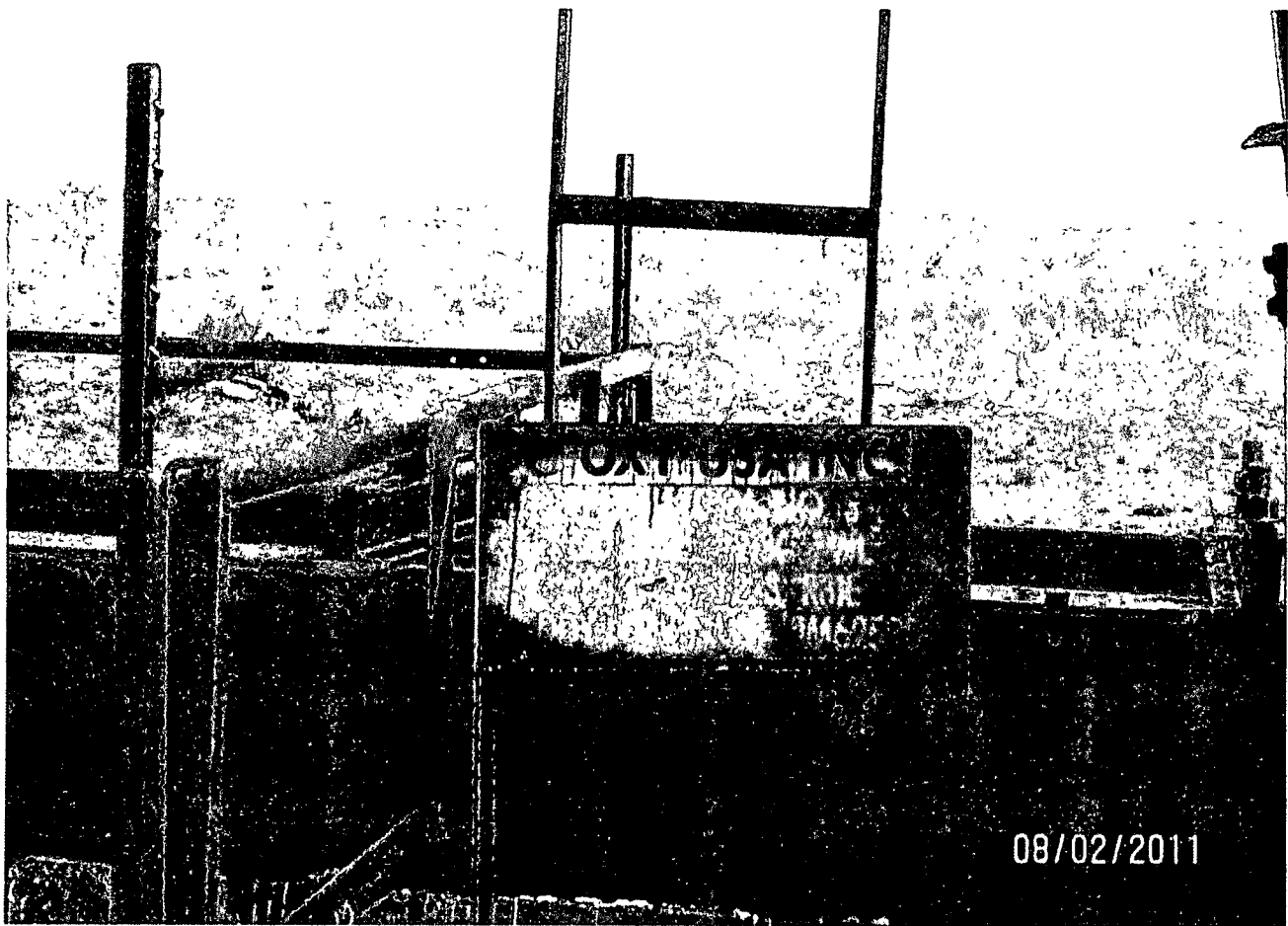
I have attached the site drawing and laboratory data and a few pictures that we reviewed during our discussion for your files. If you would please reply back via e-mail with your concurrence of this remediation plan, it would be greatly appreciated.

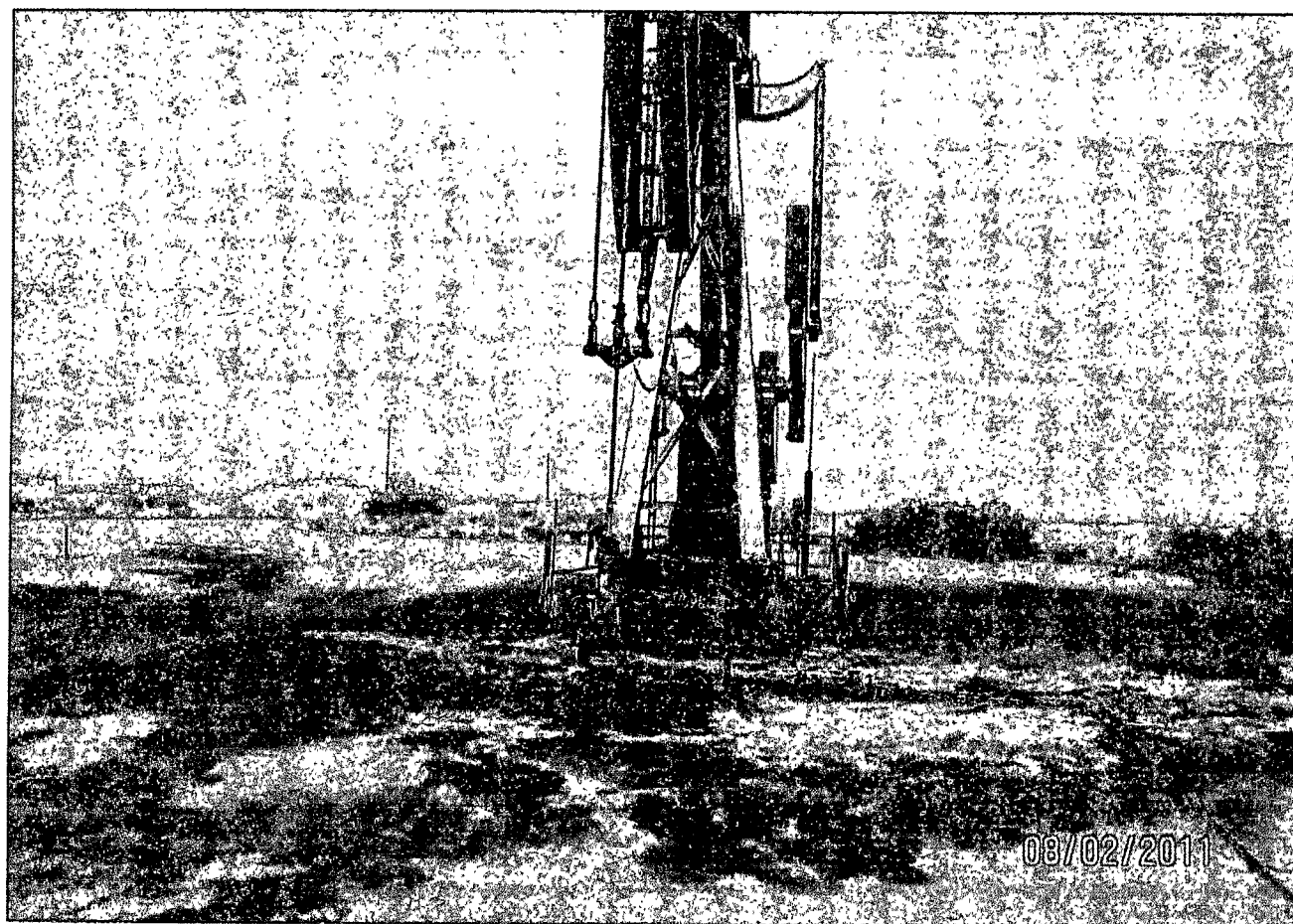
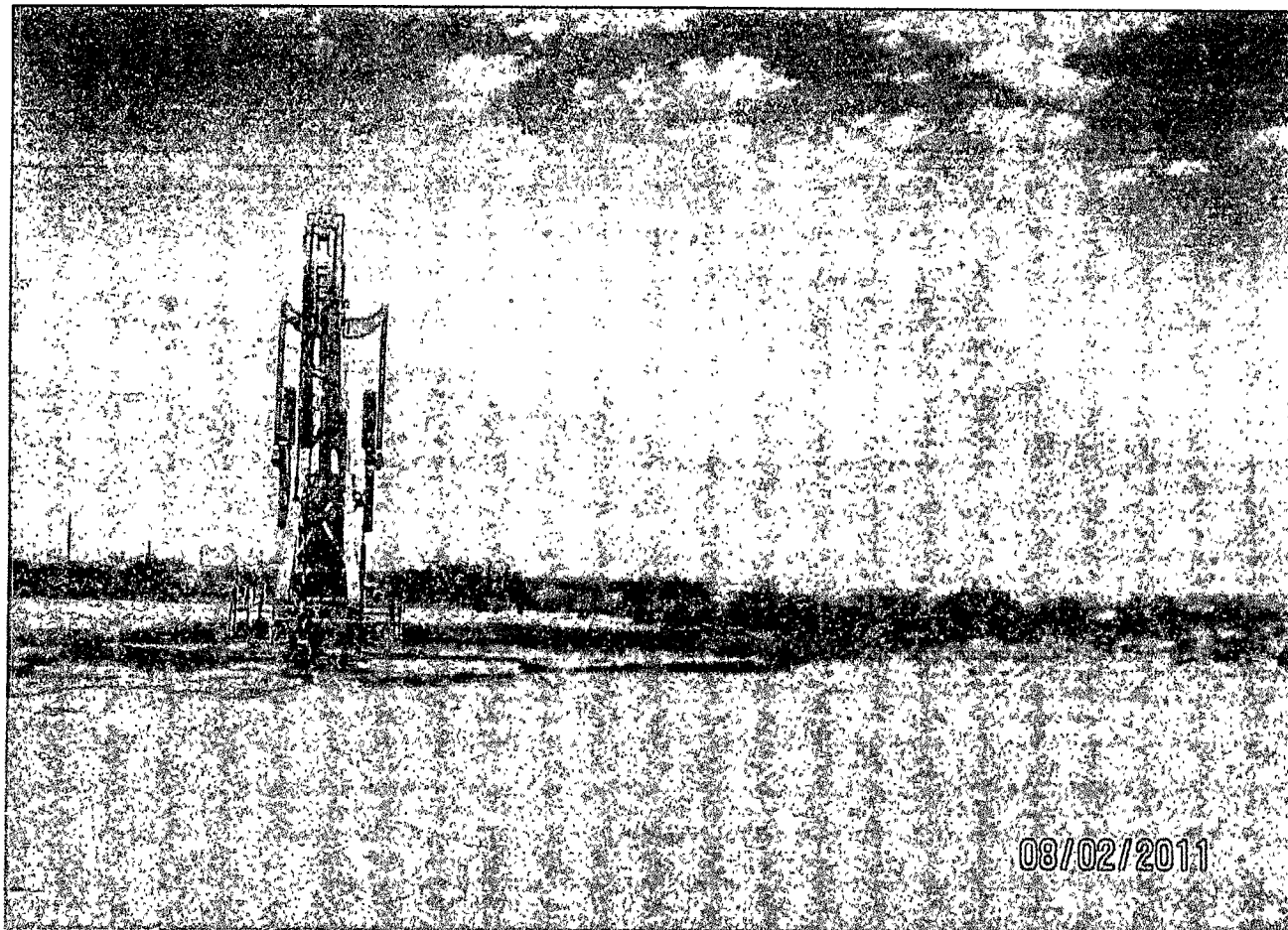
Oxy and I thank you for your assistance in handling this matter.

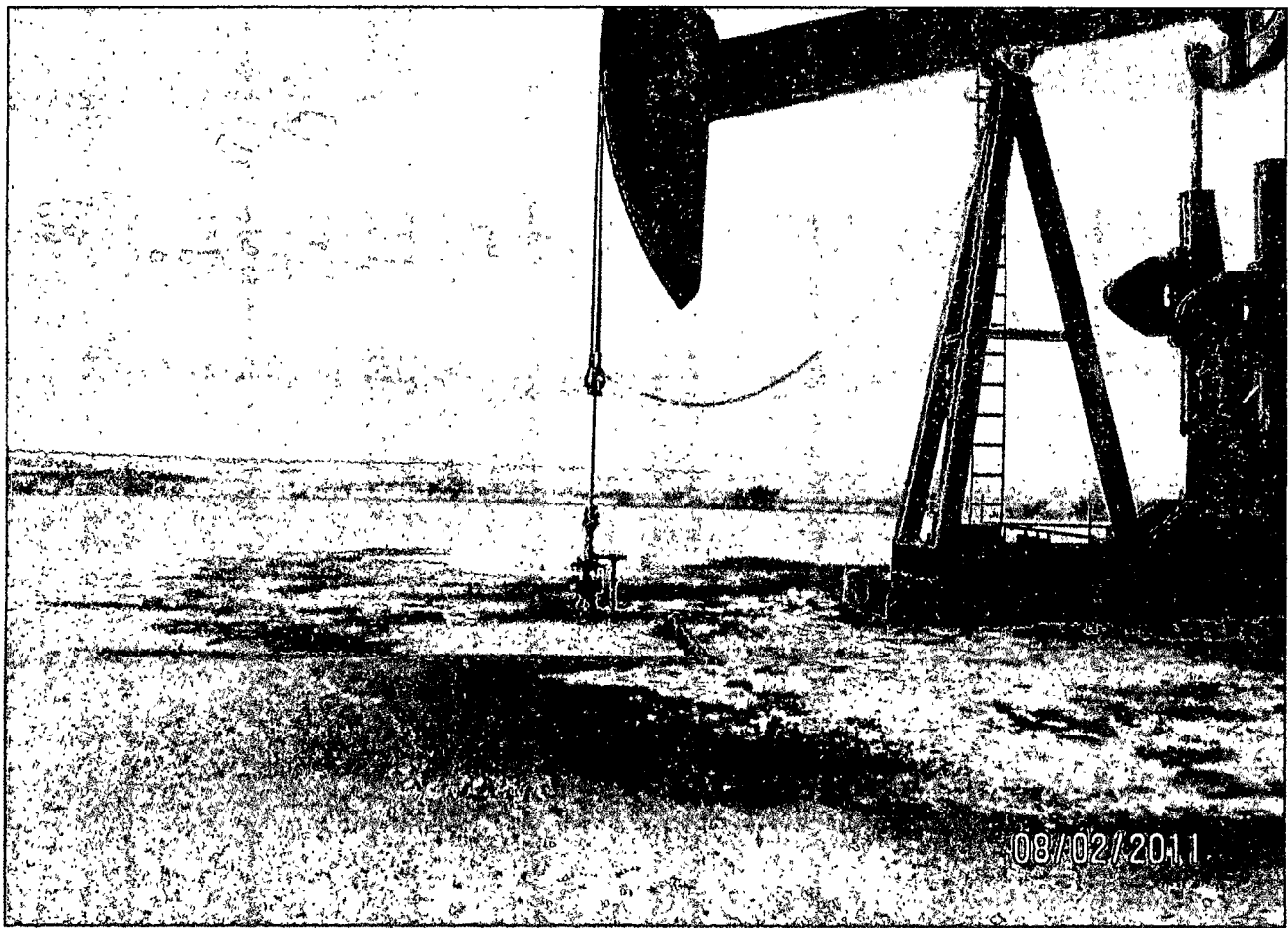
Thanks, Cliff

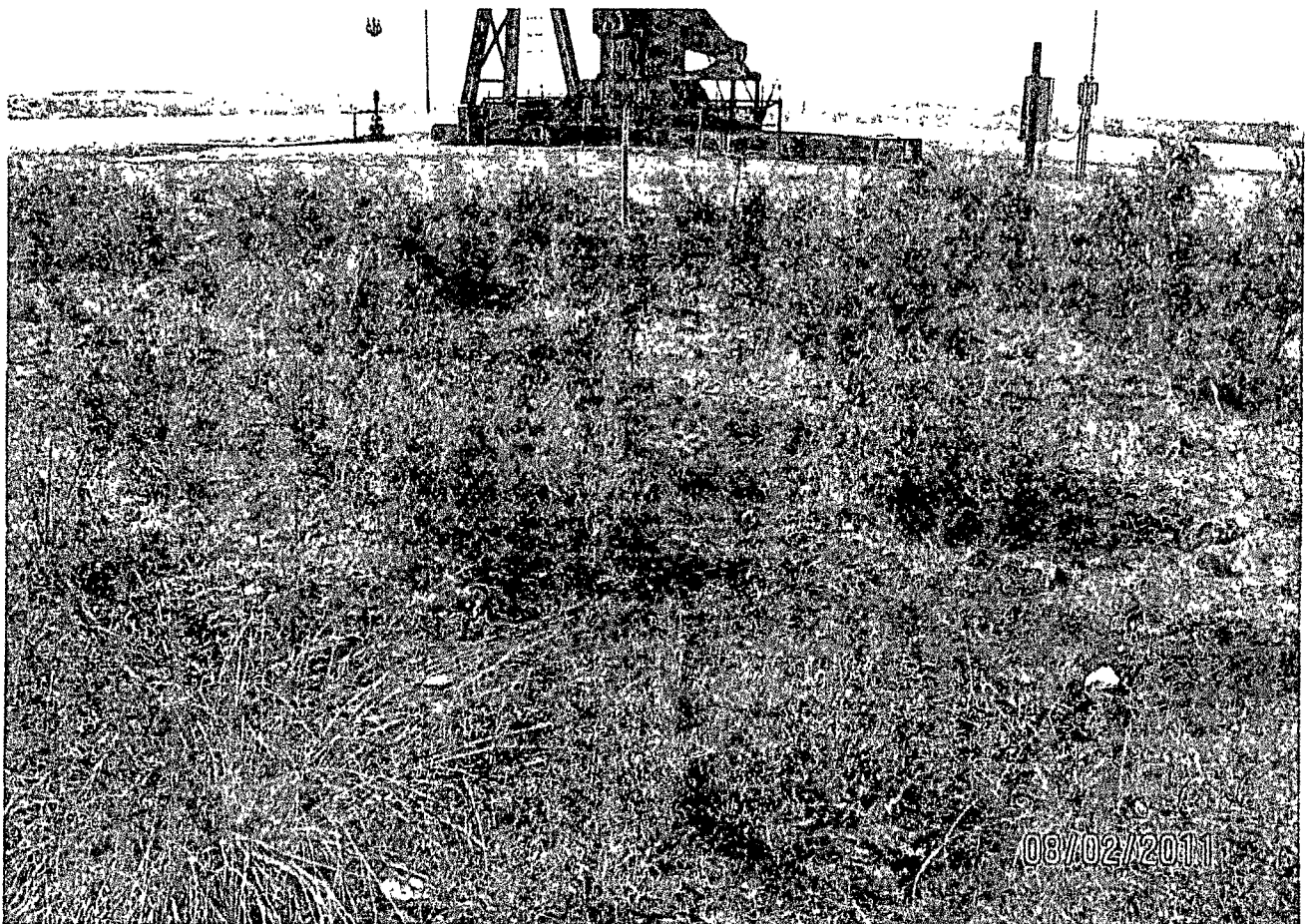
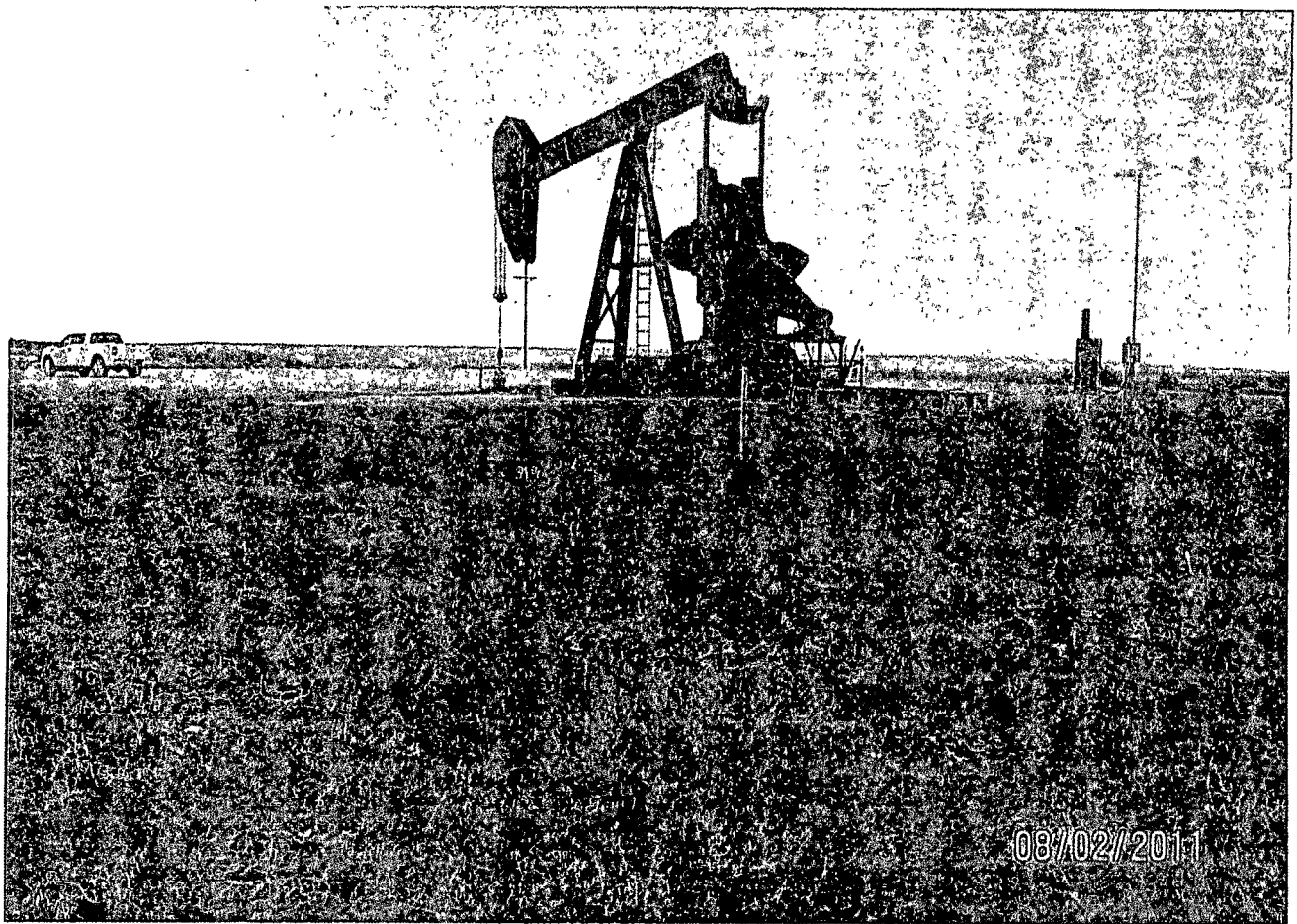
Cliff Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland St.
Hobbs, NM 88240 USA
Phone: (575) 397-6388
Fax: (575) 397-0397
E-Mail cbrunson@bbcinternational.com

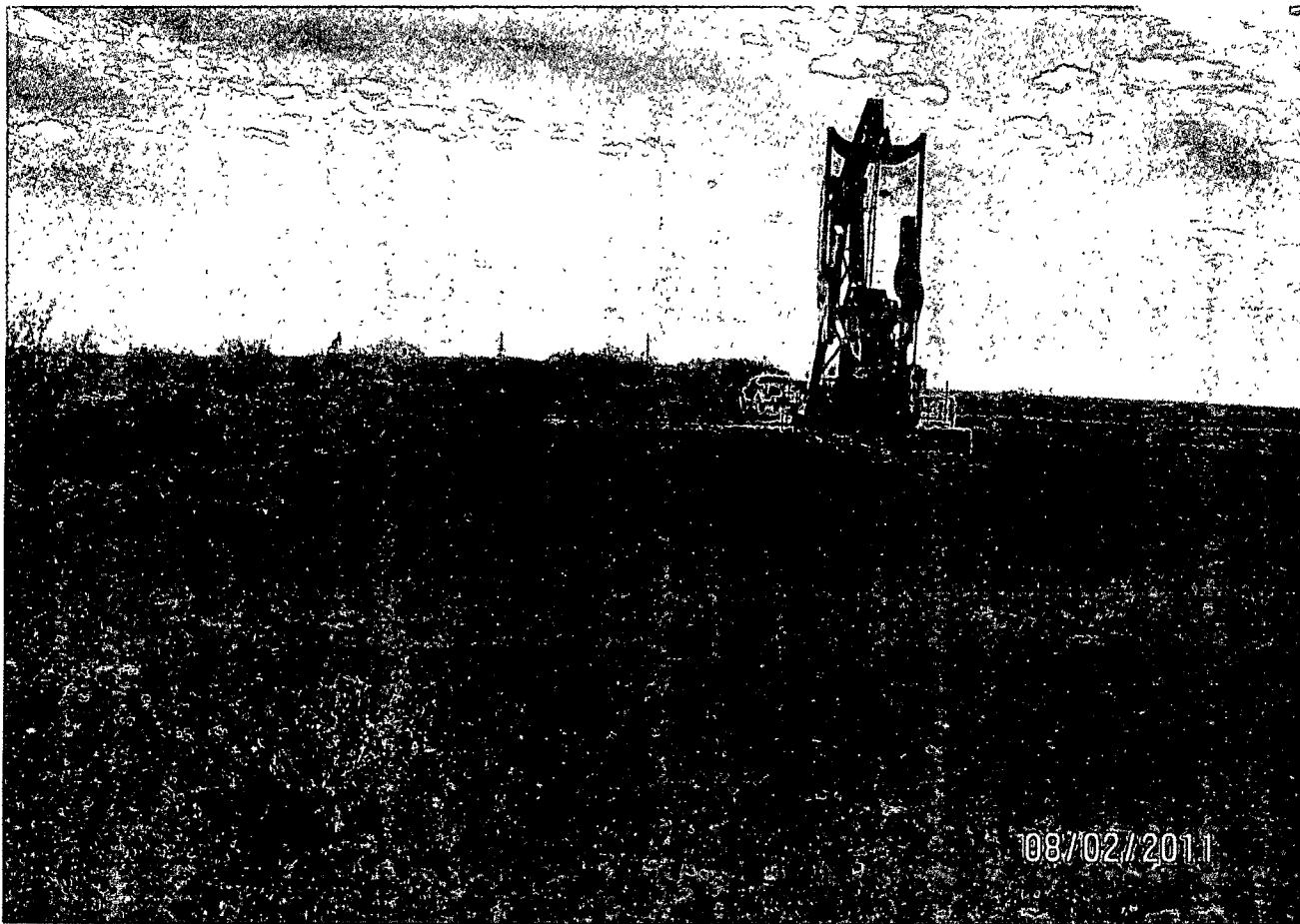
Confidentiality Notice This electronic transmission (and any attached documents) is intended only for the person(s) to whom it is addressed and may contain information that is privileged, confidential, or otherwise protected from disclosure. If you have received this transmission in error, please immediately notify the sender by e-mail or by 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.

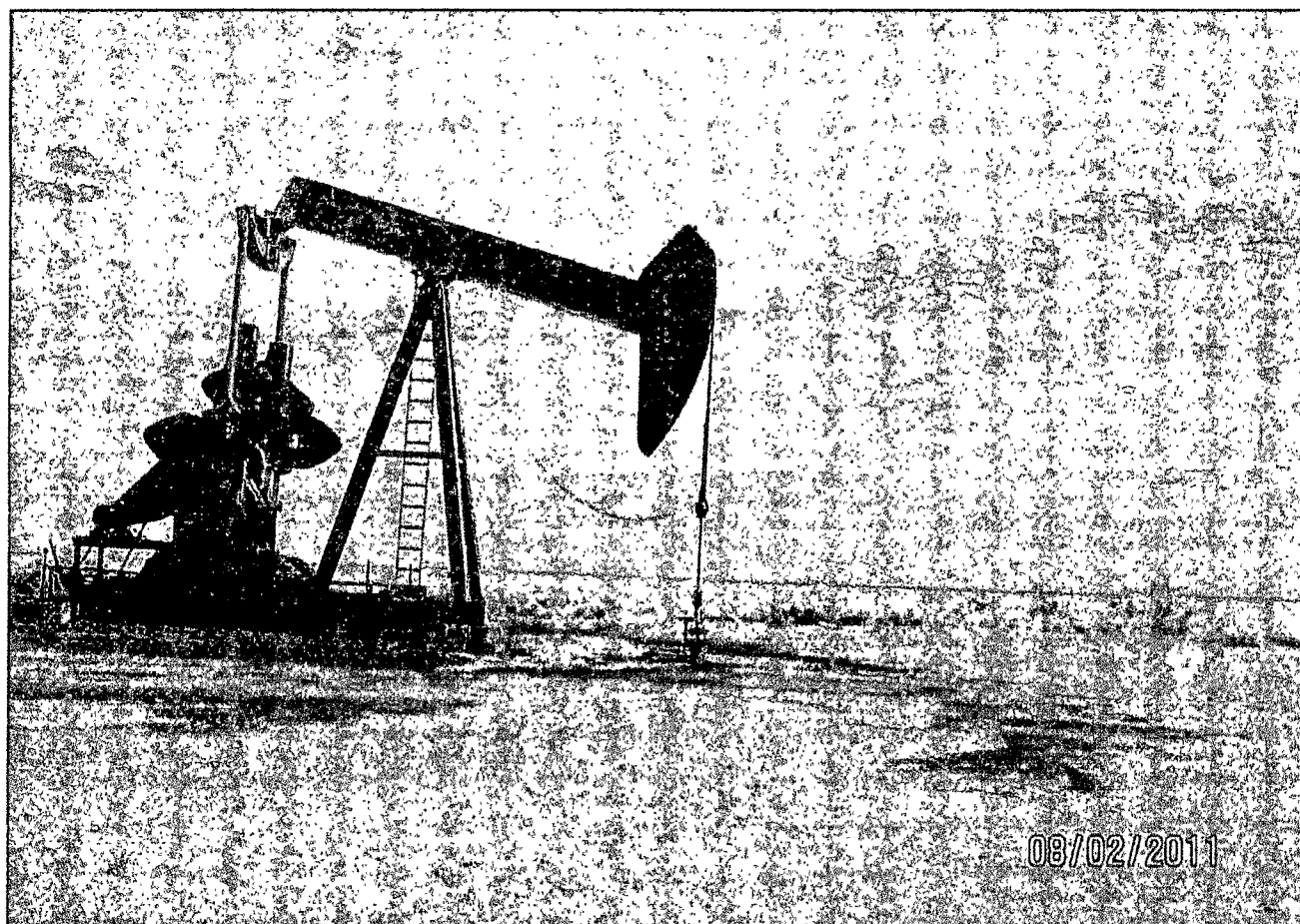
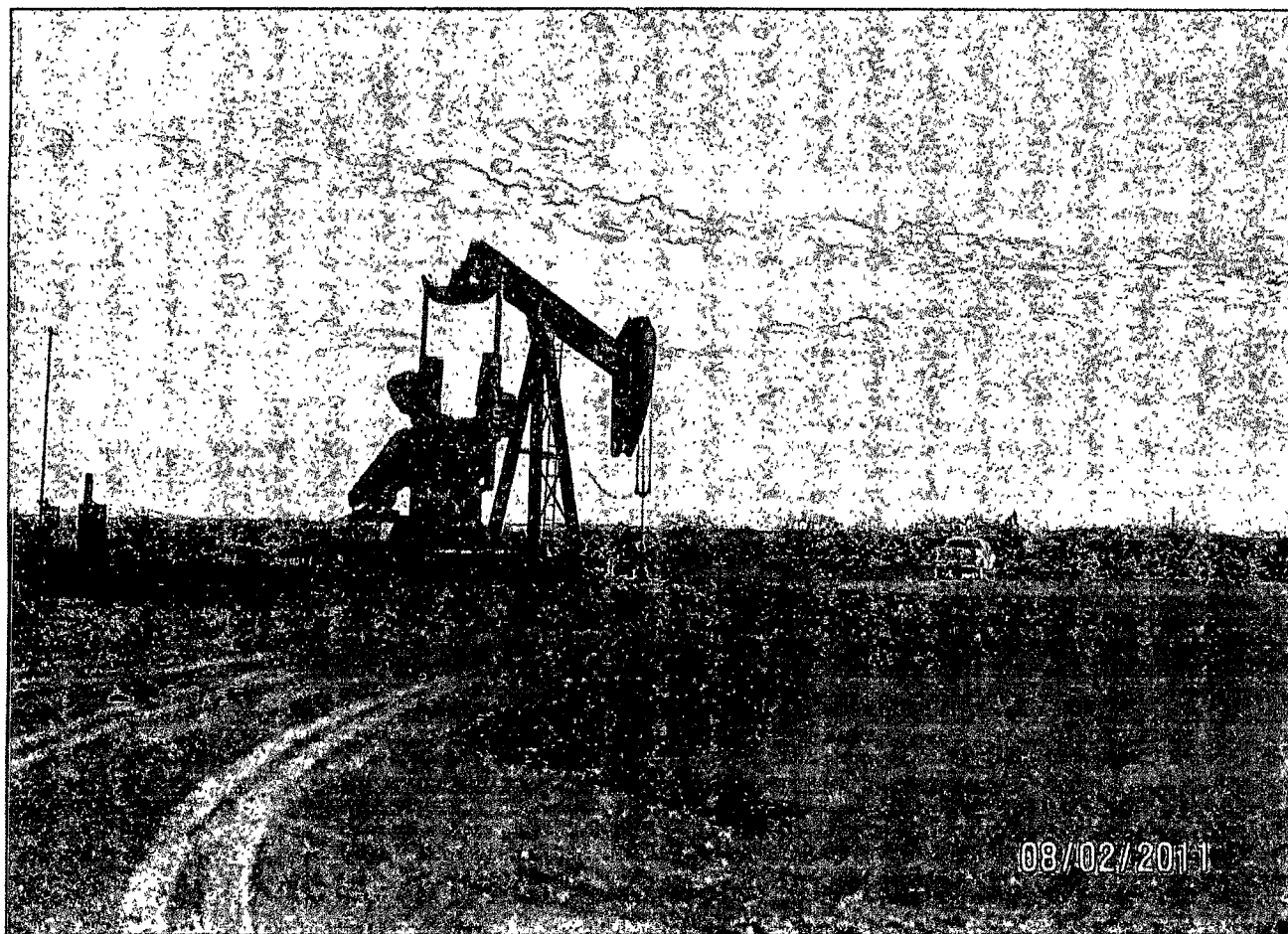












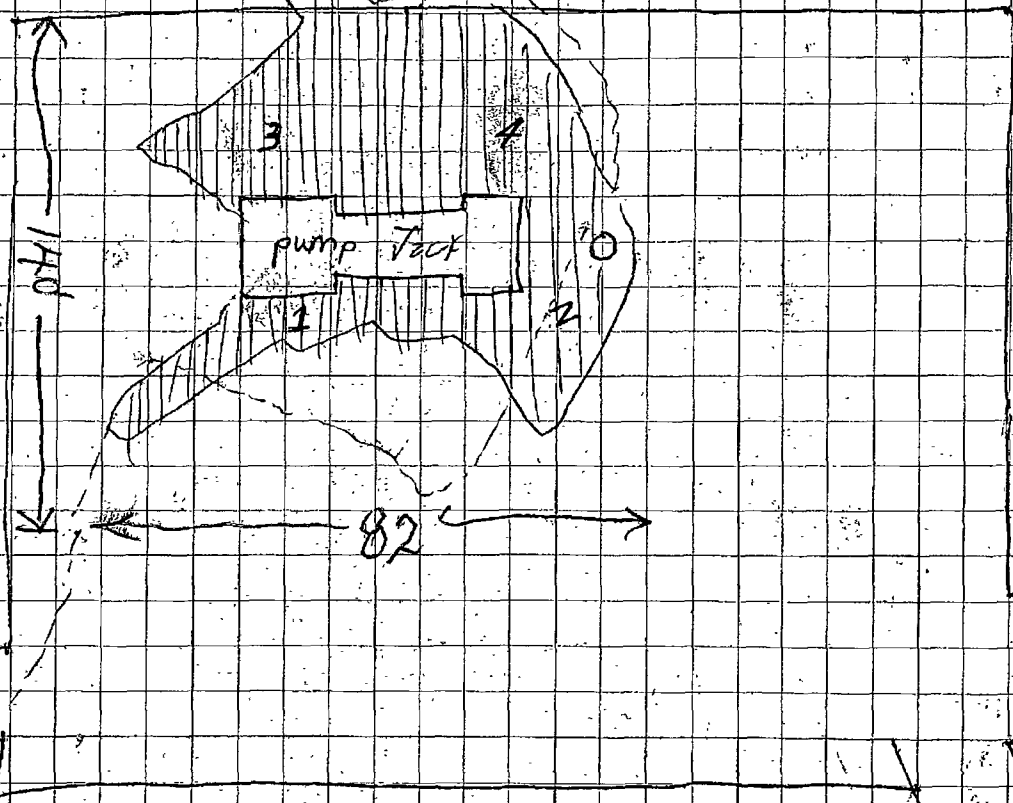


8-23-11

Oxy / Federal 26 #3



ROAD



LEAK AREA



OVER
SPRAY AREA

ROAD

ROAD

Small vertical text on the right margin, possibly a signature or date.



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

August 30, 2011

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: FEDERAL 26 #3

Enclosed are the results of analyses for samples received by the laboratory on 08/25/11 11:05.

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

Analytical Results For:

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

Received: 08/25/2011
Reported: 08/30/2011
Project Name: FEDERAL 26 #3
Project Number: NONE GIVEN
Project Location: HALFWAY, NM

Sampling Date: 08/23/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 @ 1 FT (H101800-01)

BTEX 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	08/29/2011	ND	1.85	92.6	2.00	0.502	
Toluene*	<0.050	0.050	08/29/2011	ND	1.91	95.7	2.00	5.57	
Ethylbenzene*	<0.050	0.050	08/29/2011	ND	2.01	100	2.00	8.14	
Total Xylenes*	<0.150	0.150	08/29/2011	ND	6.03	100	6.00	8.39	

Surrogate: 4-Bromofluorobenzene (PII) 116 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3920	16.0	08/25/2011	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/27/2011	ND	202	101	200	0.963	
DRO >C10-C28	40.9	10.0	08/27/2011	ND	173	86.4	200	1.30	

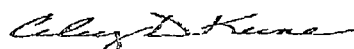
Surrogate: 1-Chlorooctane 80.3 % 55.5-154

Surrogate: 1-Chlorooctadecane 88.3 % 57.6-158

Cardinal Laboratories

* = Accredited Analyte

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



Caley D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 08/25/2011
Reported: 08/30/2011
Project Name: FEDERAL 26 #3
Project Number: NONE GIVEN
Project Location: HALFWAY, NM

Sampling Date: 08/23/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 @ 1 FT (H101800-02)

BTEX 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	08/29/2011	ND	1.85	92.6	2.00	0.502	
Toluene*	<0.050	0.050	08/29/2011	ND	1.91	95.7	2.00	5.57	
Ethylbenzene*	<0.050	0.050	08/29/2011	ND	2.01	100	2.00	8.14	
Total Xylenes*	<0.150	0.150	08/29/2011	ND	6.03	100	6.00	8.39	

Surrogate: 4-Bromofluorobenzene (PII) 114 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	08/25/2011	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/27/2011	ND	202	101	200	0.963	
DRO >C10-C28	<10.0	10.0	08/27/2011	ND	173	86.4	200	1.30	

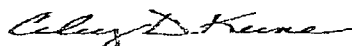
Surrogate: 1-Chlorooctane 85.1 % 55.5-154

Surrogate: 1-Chlorooctadecane 93.3 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 08/25/2011
 Reported: 08/30/2011
 Project Name: FEDERAL 26 #3
 Project Number: NONE GIVEN
 Project Location: HALFWAY, NM

 Sampling Date: 08/23/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 3 @ 1 FT (H101800-03)

BTEX 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	08/29/2011	ND	1.85	92.6	2.00	0.502	
Toluene*	<0.050	0.050	08/29/2011	ND	1.91	95.7	2.00	5.57	
Ethylbenzene*	0.064	0.050	08/29/2011	ND	2.01	100	2.00	8.14	
Total Xylenes*	0.197	0.150	08/29/2011	ND	6.03	100	6.00	8.39	

Surrogate: 4-Bromofluorobenzene (PIL) 120 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3720	16.0	08/25/2011	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	15.0	10.0	08/27/2011	ND	202	101	200	0.963	
DRO >C10-C28	202	10.0	08/27/2011	ND	173	86.4	200	1.30	

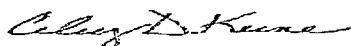
Surrogate: 1-Chlorooctane 82.6 % 55.5-154

Surrogate: 1-Chlorooctadecane 90.6 % 57.6-158

Cardinal Laboratories

* = Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 08/25/2011
 Reported: 08/30/2011
 Project Name: FEDERAL 26 #3
 Project Number: NONE GIVEN
 Project Location: HALFWAY, NM

 Sampling Date: 08/23/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 4 @ 1 FT (H101800-04)

BTEX 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	08/29/2011	ND	1.85	92.6	2.00	0.502			
Toluene*	<0.050	0.050	08/29/2011	ND	1.91	95.7	2.00	5.57			
Ethylbenzene*	<0.050	0.050	08/29/2011	ND	2.01	100	2.00	8.14			
Total Xylenes*	<0.150	0.150	08/29/2011	ND	6.03	100	6.00	8.39			

Surrogate: 4-Bromofluorobenzene (PIL) 118 % 64.4-134

Chloride, SM4500Cl-B			mg/kg							Analyzed By: AP	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	1650	16.0	08/25/2011	ND	432	108	400	0.00			

TPH 8015M			mg/kg							Analyzed By: ab	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10	14.1	10.0	08/27/2011	ND	202	101	200	0.963			
DRO >C10-C28	117	10.0	08/27/2011	ND	173	86.4	200	1.30			

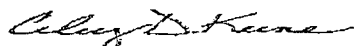
Surrogate: 1-Chlorooctane 78.7 % 55.5-154

Surrogate: 1-Chlorooctadecane 86.5 % 57.6-158

Cardinal Laboratories

* = Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 08/25/2011
Reported: 08/30/2011
Project Name: FEDERAL 26 #3
Project Number: NONE GIVEN
Project Location: HALFWAY, NM

Sampling Date: 08/24/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 @ 2 FT (H101800-05)

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	08/29/2011	ND	1.85	92.6	2.00	0.502	
Toluene*	<0.050	0.050	08/29/2011	ND	1.91	95.7	2.00	5.57	
Ethylbenzene*	<0.050	0.050	08/29/2011	ND	2.01	100	2.00	8.14	
Total Xylenes*	<0.150	0.150	08/29/2011	ND	6.03	100	6.00	8.39	

Surrogate: 4-Bromofluorobenzene (PIE) 120 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed ,	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3240	16.0	08/25/2011	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/28/2011	ND	206	103	200	0.766	
DRO >C10-C28	<10.0	10.0	08/28/2011	ND	184	91.8	200	1.99	

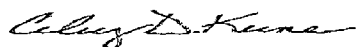
Surrogate: 1-Chlorooctane 89.3 % 55.5-154

Surrogate: 1-Chlorooctadecane 95.2 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 08/25/2011
 Reported: 08/30/2011
 Project Name: FEDERAL 26 #3
 Project Number: NONE GIVEN
 Project Location: HALFWAY, NM

 Sampling Date: 08/24/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 1 @ 3 FT (H101800-06)

BTEX 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	08/29/2011	ND	1.85	92.6	2.00	0.502		
Toluene*	<0.050	0.050	08/29/2011	ND	1.91	95.7	2.00	5.57		
Ethylbenzene*	<0.050	0.050	08/29/2011	ND	2.01	100	2.00	8.14		
Total Xylenes*	<0.150	0.150	08/29/2011	ND	6.03	100	6.00	8.39		

Surrogate: 4-Bromofluorobenzene (PIL) 117 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	656	16.0	08/25/2011	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	14.3	10.0	08/28/2011	ND	206	103	200	0.766		
DRO >C10-C28	30.4	10.0	08/28/2011	ND	184	91.8	200	1.99		

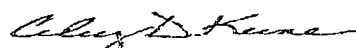
Surrogate: 1-Chlorooctane 90.3 % 55.5-154

Surrogate: 1-Chlorooctadecane 92.2 % 57.6-158

Cardinal Laboratories

* = Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 08/25/2011
 Reported: 08/30/2011
 Project Name: FEDERAL 26 #3
 Project Number: NONE GIVEN
 Project Location: HALFWAY, NM

 Sampling Date: 08/24/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 2 @ 2 FT (H101800-07)

BTEX 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	08/29/2011	ND	1.85	92.6	2.00	0.502	
Toluene*	<0.050	0.050	08/29/2011	ND	1.91	95.7	2.00	5.57	
Ethylbenzene*	<0.050	0.050	08/29/2011	ND	2.01	100	2.00	8.14	
Total Xylenes*	<0.150	0.150	08/29/2011	ND	6.03	100	6.00	8.39	

Surrogate: 4-Bromofluorobenzene (PIL) 118 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	08/25/2011	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/28/2011	ND	206	103	200	0.766	
DRO >C10-C28	<10.0	10.0	08/28/2011	ND	184	91.8	200	1.99	

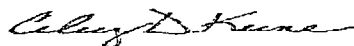
Surrogate: 1-Chlorooctane 82.8 % 55.5-154

Surrogate: 1-Chlorooctadecane 81.9 % 57.6-158

Cardinal Laboratories

* = Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 08/25/2011
Reported: 08/30/2011
Project Name: FEDERAL 26 #3
Project Number: NONE GIVEN
Project Location: HALFWAY, NM

Sampling Date: 08/24/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 @ 3 FT (H101800-08)

BTEX 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	08/29/2011	ND	1.85	92.6	2.00	0.502	
Toluene*	<0.050	0.050	08/29/2011	ND	1.91	95.7	2.00	5.57	
Ethylbenzene*	<0.050	0.050	08/29/2011	ND	2.01	100	2.00	8.14	
Total Xylenes*	0.208	0.150	08/29/2011	ND	6.03	100	6.00	8.39	

Surrogate: 4-Bromofluorobenzene (PIE) 120 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	08/25/2011	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/28/2011	ND	206	103	200	0.766	
DRO >C10-C28	<10.0	10.0	08/28/2011	ND	184	91.8	200	1.99	

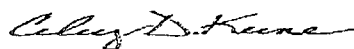
Surrogate: 1-Chlorooctane 92.5 % 55.5-154

Surrogate: 1-Chlorooctadecane 91.8 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 08/25/2011
Reported: 08/30/2011
Project Name: FEDERAL 26 #3
Project Number: NONE GIVEN
Project Location: HALFWAY, NM

Sampling Date: 08/24/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 3 @ 2 FT (H101800-09)

BTEX 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	08/29/2011	ND	1.85	92.6	2.00	0.502			
Toluene*	<0.050	0.050	08/29/2011	ND	1.91	95.7	2.00	5.57			
Ethylbenzene*	<0.050	0.050	08/29/2011	ND	2.01	100	2.00	8.14			
Total Xylenes*	<0.150	0.150	08/29/2011	ND	6.03	100	6.00	8.39			

Surrogate: 4-Bromofluorobenzene (PIL) 117 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2960	16.0	08/25/2011	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/28/2011	ND	206	103	200	0.766	
DRO >C10-C28	<10.0	10.0	08/28/2011	ND	184	91.8	200	1.99	

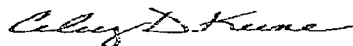
Surrogate: 1-Chlorooctane 87.9 % 55.5-154

Surrogate: 1-Chlorooctadecane 92.1 % 57.6-158

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 08/25/2011
Reported: 08/30/2011
Project Name: FEDERAL 26 #3
Project Number: NONE GIVEN
Project Location: HALFWAY, NM

Sampling Date: 08/24/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 3 @ 3 FT (H101800-10)

BTEX 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	08/29/2011	ND	1.85	92.6	2.00	0.502	
Toluene*	<0.050	0.050	08/29/2011	ND	1.91	95.7	2.00	5.57	
Ethylbenzene*	<0.050	0.050	08/29/2011	ND	2.01	100	2.00	8.14	
Total Xylenes*	<0.150	0.150	08/29/2011	ND	6.03	100	6.00	8.39	

Surrogate: 4-Bromofluorobenzene (PIL) 116 % 64.4-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	08/25/2011	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/28/2011	ND	206	103	200	0.766	
DRO >C10-C28	<10.0	10.0	08/28/2011	ND	184	91.8	200	1.99	

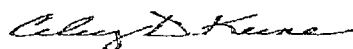
Surrogate: 1-Chlorooctane 95.7 % 55.5-154

Surrogate: 1-Chlorooctadecane 97.8 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 08/25/2011
Reported: 08/30/2011
Project Name: FEDERAL 26 #3
Project Number: NONE GIVEN
Project Location: HALFWAY, NM

Sampling Date: 08/24/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 4 @ 2 FT (H101800-11)

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	08/29/2011	ND	1.85	92.6	2.00	0.502		
Toluene*	<0.050	0.050	08/29/2011	ND	1.91	95.7	2.00	5.57		
Ethylbenzene*	<0.050	0.050	08/29/2011	ND	2.01	100	2.00	8.14		
Total Xylenes*	<0.150	0.150	08/29/2011	ND	6.03	100	6.00	8.39		

Surrogate: 4-Bromofluorobenzene (PIL) 118 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	08/25/2011	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/28/2011	ND	206	103	200	0.766	
DRO >C10-C28	<10.0	10.0	08/28/2011	ND	184	91.8	200	1.99	

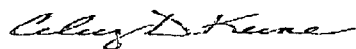
Surrogate: 1-Chlorooctane 92.3 % 55.5-154

Surrogate: 1-Chlorooctadecane 95.9 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 08/25/2011
 Reported: 08/30/2011
 Project Name: FEDERAL 26 #3
 Project Number: NONE GIVEN
 Project Location: HALFWAY, NM

 Sampling Date: 08/24/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 4 @ 3 FT (H101800-12)

BTEX 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	08/29/2011	ND	1.85	92.6	2.00	0.502		
Toluene*	<0.050	0.050	08/29/2011	ND	1.91	95.7	2.00	5.57		
Ethylbenzene*	0.060	0.050	08/29/2011	ND	2.01	100	2.00	8.14		
Total Xylenes*	0.312	0.150	08/29/2011	ND	6.03	100	6.00	8.39		

Surrogate: 4-Bromofluorobenzene (PII) 112 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1920	16.0	08/25/2011	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	17.1	10.0	08/28/2011	ND	206	103	200	0.766	
DRO >C10-C28	21.3	10.0	08/28/2011	ND	184	91.8	200	1.99	

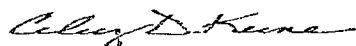
Surrogate: 1-Chlorooctane 92.9 % 55.5-154

Surrogate: 1-Chlorooctadecane 93.6 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

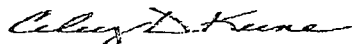
Notes and Definitions

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

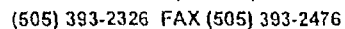
Cardinal Laboratories

*=Accredited Analyte

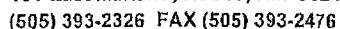
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived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



Celey D. Keene, Lab Director/Quality Manager



11/26



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