CHESAPEAKE / PONDEROSA 20 SPATE NO. 1 3/7/11 -593-104. 19442 104.19445 32 72976;



March 17, 2011

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: PONDEROSA 20 STATE #1

Enclosed are the results of analyses for samples received by the laboratory on 03/10/11 11:45.

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.

Celeg D. Keene

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

Fax To: (505) 397-0397

Received:

03/10/2011

Sampling Date:

03/09/2011

Reported:

03/17/2011

Sampling Type:

Soil

Project Name:

PONDEROSA 20 STATE #1

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

LOCO HILLS, NM

Sample ID: SB 1 @ 3' (H100466-01)

BTEX 8021B	mg/	kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS.	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<5.00	5.00	03/14/2011	ND	1.98	99.0	2.00	2.94	
Toluene*	67.1	5.00	03/14/2011	ND	2.07	103	2.00	3.37	
Ethylbenzene*	31.6	5.00	03/14/2011	ND	2.14	107	2.00	3.32	
Total Xylenes*	307	15.0	03/14/2011	ND	6.39	106	6.00	3.78	
Surrogate: 4-Bromofluorobenzene (PIL	80.6	% 70-130						***************************************	
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	03/11/2011	ND	416	104	400	0.00	
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	9410	10.0	03/12/2011	ND	202	101	200	2.43	
DRO >C10-C28	3890	10.0	03/12/2011	ND	198	99.0	200	1.03	
Surrogate: 1-Chlorooctane	83.8 9	70-130				***************			
Surrogate: I-Chlorooctadecane	. 111 9	6 70-130							

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Celeg & Keene



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

Fax To: (505) 397-0397

Received:

03/10/2011

Sampling Date:

03/09/2011

Reported:

03/17/2011

Sampling Type: Sampling Condition: Soil

Project Name:

PONDEROSA 20 STATE #1

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

LOCO HILLS, NM

Sample ID: SB 1 @ 5' (H100466-02)

BTEX 8021B	mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<5.00	5.00	03/14/2011	ND	1.98	99.0	2.00	2.94	
Toluene*	75.6	5.00	03/14/2011	ND	2.07	103	2.00	3.37	
Ethylbenzene*	34.1	5.00	03/14/2011	ND	2.14	107	2.00	3.32	
Total Xylenes*	350	15.0	03/14/2011	ND	6.39	106	6.00	3.78	
Surrogate: 4-Bromofluorobenzene (PIL	80.69	6 70-130							
TPH 8015M	mg/	kg	Analyzed By: CK/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	8860	10.0	03/12/2011	ND	202	101	200	2.43	
DRO >C10-C28	4580	10.0	03/12/2011	ND	198	99.0	200	1.03	
Surrogate: 1-Chlorooctane	97.9 9	6 70-130	17-7-	· · · · · · · · · · · · · · · · · · ·	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				
Surrogate: 1-Chlorooctadecane	91.29	6 70-130							

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Celecy D. Keine



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

Fax To:

(505) 397-0397

Received:

03/10/2011

Sampling Date:

03/09/2011

Reported:

03/17/2011

Sampling Type:

Soil

Project Name:

PONDEROSA 20 STATE #1

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

. LOCO HILLS, NM

Sample ID: SB 1 @ 10' (H100466-03)

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	03/11/2011	ND	1.98	99.0	2.00	2.94	
Toluene*	0.868	0.050	03/11/2011	ND	2.07	103	2.00	3.37	
Ethylbenzene*	0.474	0.050	03/11/2011	ND	2.14	107	2.00	3.32	
Total Xylenes*	4.68	0.150	03/11/2011	ND	6.39	106	6.00	3.78	
Surrogate: 4-Bromofluorobenzene (PIL	93.6	% 70-130)					·	
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	66.7	10.0	03/12/2011	ND	202	101	200	2.43	
DRO >C10-C28	334	10.0	03/12/2011	ND	198	99.0	200	1.03	
Surrogate: 1-Chlorooctane	130 5	% 70-130)						
Surrogate: 1-Chlorooctadecane	118	% 70-130)						

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Celen & Keene



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

Fax To: (505) 397-0397

Received:

03/10/2011

Sampling Date:

03/09/2011

Reported:

03/17/2011

Sampling Type:

Soil

Project Name:

PONDEROSA 20 STATE #1

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

LOCO HILLS, NM

Sample ID: SB 1 @ 15 (H100466-04)

BTEX 8021B	mg	/kg	Analyze	Analyzed By: CMS		····			· ·
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2011	ND	1.98	99.0	2.00	2.94	
Toluene*	0.107	0.050	03/11/2011	ND	2.07	103	2.00	3.37	
Ethylbenzene*	0.068	0.050	03/11/2011	ИD	2.14	107	2.00	3,32	
Total Xylenes*	0.664	0.150	03/11/2011	ND	6.39	106	6.00	3.78	
Surrogate: 4-Bromofluorobenzene (PIL	99.1	% 70-130)						
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	03/12/2011	ND	202	101	200	2.43	
DRO >C10-C28	49.8	10.0	03/12/2011	ND	198	99.0	200	1.03	
Surrogate: 1-Chlorooctane	108	% 70-130	}		*				
Surrogate: 1-Chlorooctadecane	103	% 70-130)						

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any other cause whatsoever shall be deemed wahed unless made in writing and received by Certifual within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for indeeded to unsugestial 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 betweenther by Cardinal, regardless of whether such claim is based upon any of the above statut reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in Aul with written approval of Cardinal Laboratories.

Celego Kreene



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

Fax To:

(505) 397-0397

Received:

03/10/2011

Reported:

03/17/2011

Project Name: Project Number: PONDEROSA 20 STATE #1

Project Number: Project Location: NONE GIVEN LOCO HILLS, NM Sampling Date:

03/09/2011

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: SB 1 @ 20' (H100466-05)

BTEX 8021B	mg/	mg/kg		d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2011	ND	1.98	99.0	2.00	2.94	
Toluene*	<0.050	0.050	03/11/2011	ND	2.07	103	2.00	3.37	
Ethylbenzene*	<0.050	0.050	03/11/2011	ND	2.14	107	2.00	3.32	
Total Xylenes*	0.335	0.150	03/11/2011	ND	6.39	106	6.00	3.78	
Surrogate: 4-Bromofluorobenzene (PIL	109 5	% 70-130)						
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	36.5	10.0	03/12/2011	ND	202	101	200	2.43	
DRO >C10-C28	315	10.0	03/12/2011	ND	198	99.0	200	1.03	
Surrogate: I-Chlorooctane	126	% 70-130							
Surrogate: 1-Chlorooctadecane	115 9	70-130)						

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Celey D. Kuna-



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

Fax To: (505) 397-0397

Received:

03/10/2011

Reported:

03/17/2011

Project Name: Project Number: PONDEROSA 20 STATE #1

Project Number: Project Location:

NONE GIVEN LOCO HILLS, NM Sampling Date:

03/09/2011

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SB 1 @ 25' (H100466-06)

BTEX 8021B	mg,	/kg	Analyze	d By: CM5			<u></u>		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2011	ND	1.98	99.0	2.00	2,94	
Toluene*	<0.050	0.050	03/11/2011	ND	2.07	103	2.00	3.37	
Ethylbenzene*	<0.050	0.050	03/11/2011	ND	2.14	107	2.00	3.32	
Total Xylenes*	<0.150	0.150	03/11/2011	ND	6.39	106	6.00	3.78	•
Surrogate: 4-Bromofluorobenzene (PIL	97.3	% 70-130)						, , , , , , , , , , , , , , , , , , ,
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	03/12/2011	ND	202	101	200	2.43	
DRO >C10-C28	66.2	10.0	03/12/2011	ND	198	99.0	200	1.03	
Surrogate: 1-Chlorooctane	115	% 70-130	1						
Surrogate: 1-Chlorooctadecane	109	%- 70 - 130)						

Cardinal Laboratories *=Accredited Analyte

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Celeg D Frene



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

Fax To:

(505) 397-0397

Received:

03/10/2011

03/17/2011

Sampling Date:

03/09/2011

Reported: Project Name:

PONDEROSA 20 STATE #1

Sampling Type: Sampling Condition: Soll Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

LOCO HILLS, NM

Sample ID: SB 1 @ 30' (H100466-07)

BTEX 8021B	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	03/11/2011	ND .	1.98	99.0	2.00	2.94	
Toluene*	<0.050	0.050	03/11/2011	ND	2.07	103	2.00	3.37	
Ethylbenzene*	<0.050	0.050	03/11/2011	ND	2.14	107	2.00	3.32	
Total Xylenes*	<0.150	0.150	03/11/2011	ND	6.39	106	6.00	3.78	
Surrogate: 4-Bromofluorobenzene (PIL	99.2	% 70-130)			17.	,		
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	03/12/2011	ND	202	101	200	2.43	
DRO >C10-C28	13.2	10.0	03/12/2011	ND	198	99.0	200	1.03	1
Surrogate: 1-Chlorooctane	118 9	% 70-130						<u></u>	
Surrogate: I-Chlorooctadecane	1169	% 70-130							

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Celey D. Kune



BBC International, Inc. Cliff Brunson

P.O. Box 805 Hobbs NM, 88241

Fax To:

(505) 397-0397

Received:

03/10/2011

Sampling Date:

03/09/2011

Reported:

03/17/2011

Sampling Type:

Soil

Project Name:

PONDEROSA 20 STATE #1

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

LOCO HILLS, NM

Sample ID: SB 1 @ 35' (H100466-08)

BTEX 8021B	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	03/11/2011	ND	1.98	99.0	2,00	2.94	
Toluene*	<0.050	0.050	03/11/2011	ND	2,07	103	2.00	3.37	
Ethylbenzene*	<0.050	0.050	03/11/2011	ND	2.14	107	2.00	3.32	
Total Xylenes*	<0.150	0.150	03/11/2011	ND	6.39	106	6.00 .	3.78	
Surrogate: 4-Bromofluorobenzene (PIL	99.0 9	6 70-130							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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	03/12/2011	ND	202	101	200	2.43	
DRO >C10-C28	37.1	10.0	03/12/2011	ND	198	99.0	200	1.03	
Surrogate: I-Chlorooctane	127 %	6 70-130							
Surrogate: 1-Chlorooctadecane	124 %	6 70-130							

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Celey D. Keine



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

Fax To:

03/09/2011

Reported:

Received:

03/10/2011 03/17/2011 Sampling Date: Sampling Type:

Soil

Project Name:

PONDEROSA 20 STATE #1

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

LOCO HILLS, NM

Sample ID: SB 2 @ 3' (H100466-09)

BTEX 8021B	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	03/11/2011	ND	1.98	99.0	2.00	2.94	
Toluene*	<0.050	0.050	03/11/2011	ND	2.07	103	2.00	3.37	
Ethylbenzene*	<0.050	0.050	03/11/2011	ND	2.14	107	2.00	3.32	
Total Xylenes*	<0.150	0.150	03/11/2011	ND	6.39	106	6.00	3.78	
Surrogate: 4-Bromofluorobenzene (PIL	98.9	% 70-130				***************************************	-		
Chloride, SM4500CI-B	mg/	mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/11/2011	ND	416	104	400	0.00	
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	03/12/2011	ND	202	101	200	2,43	
DRO >C10-C28	<10.0	10.0	03/12/2011	ND	198	99.0	200	1.03	
Surrogate: 1-Chlorooctane	113 %	6 70-130			1		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		_
Surrogate: 1-Chlorooctadecane	1129	6 70-130							

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Celeg & Keene



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

(505) 397-0397 Fax To:

Received: Reported: 03/10/2011

03/17/2011

Project Name:

PONDEROSA 20 STATE #1

Project Number:

NONE GIVEN

Project Location:

LOCO HILLS, NM

Sampling Date:

03/09/2011

Soil

Sampling Type: Sampling Condition: Sample Received By:

Cool & Intact

Jodi Henson

Sample ID: SB 2 @ 5' (H100466-10)

BTEX 8021B	mg/kg		Analyze	Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	B\$	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2011	ND	1.98	99.0	2.00	2.94	
Toluene*	<0.050	0.050	03/11/2011	ND	2,07	103	2.00	3.37	
Ethylbenzene*	<0.050	0.050	03/11/2011	ND	2.14	107	2.00	3.32	
Total Xylenes*	<0.150	0.150	03/11/2011	ND	6.39	106	6.00	3.78	
Surrogate: 4-Bromofluorobenzene (PIL	98.7	% 70-130							
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	03/12/2011	ND	202	101	200	2.43	
DRO >C10-C28	<10.0	10.0	03/12/2011	ND	198	99.0	200	1.03	
Surrogate: 1-Chlorooctane	130 %	% 70-130							-
Surrogate: 1-Chlorooctadecane	124 9	% 70-130	1						

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Celeg & Kune



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

Fax To:

(505) 397-0397

Received: Reported: 03/10/2011

03/17/2011

PONDEROSA 20 STATE #1

Sampling Date: Sampling Type: 03/09/2011

Soil

Sampling Condition:

Cool & Intact

Project Name: Project Number: Project Location:

NONE GIVEN

LOCO HILLS, NM

Sample Received By:

Jodi Henson

Sample ID: SB 2 @ 10' (H100466-11)

BTEX 8021B	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	03/11/2011	ND	1.98	99.0	2.00	2.94	
Toluene*	<0.050	0.050	03/11/2011	ND	2.07	103	2.00	3.37	
Ethylbenzene*	<0.050	0.050	03/11/2011	ND	2.14	107	2.00	3.32	
Total Xylenes*	<0.150	0.150	03/11/2011	ND	6.39	106	6.00	3.78	
Surrogate: 4-Bromofluorobenzene (PIL	99.9	% 70-130							
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	03/12/2011	ND	202	101	200	2.43	
DRO >C10-C28	19.6	10.0	03/12/2011	ND	198	99.0	200	1.03	•
Surrogate: 1-Chlorooctane	155 %	70-130						WY 1984 W	
Surrogate: 1-Chlorooctadecane	149 9	% 70-130							

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Celeg & Keine



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Hobbs NM, 88241

Fax To: (505) 397-0397

Received:

03/10/2011

Sampling Date:

03/09/2011

Reported:

03/17/2011

Sampling Type:

Soil

Project Name:

PONDEROSA 20 STATE #1

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

LOCO HILLS, NM

Sample ID: SB 2 @ 15' (H100466-12)

BTEX 8021B	mg	/kg	Analyze	d By: CMS					
Ánalyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0,050	03/11/2011	ND	1.98	99.0	2.00	2.94	
Toluene*	<0.050	0.050	03/11/2011	ND	2.07	103	2,00	3.37	
Ethylbenzene*	<0.050	0.050	03/11/2011	ND	2.14	107	2,00	3,32	
Total Xylenes*	<0.150	0.150	03/11/2011	ND	6.39	106	6.00	3.78	
Surrogate: 4-Bromofluorobenzene (PIL	102	% 70-130)				***************************************		
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	03/12/2011	ND	202	101	200	2.43	
DRO >C10-C28	28.9	10.0	03/12/2011	ND	198	99.0	200	1.03	
Surrogate: I-Chlorooctane	118	% 70-130)			··	41.44.4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1		·****
Surrogate: 1-Chlorooctadecane	110 :	% 70-130)						

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Clay to Keene Celey D. Keene, Lab Director/Quality Manager

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Fax To: (505) 397-0397

Received:

03/10/2011

Sampling Date:

03/09/2011

Reported:

03/17/2011

Sampling Type:

Soil

Project Name:

PONDEROSA 20 STATE #1

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

LOCO HILLS, NM

Sample ID: SB 3 @ 3' (H100466-13)

BTEX 8021B	mg,	/kg	Analyze	d By: CM\$				<u>-</u>	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<5.00	5.00	03/15/2011	ND	2.03	102	2.00	10.0	
Toluene*	57,6	5.00	03/15/2011	ND	2.09	105	2.00	9.15	
Ethylbenzene*	38.0	0 5.00	03/15/2011	ND	2.13	107	2.00	7.35	
Total Xylenes*	211	15.0	03/15/2011	ND	6.31	105	6.00	7.00	
Surrogate: 4-Bromofluorobenzene (PIL	88.9	% 70-130							
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM				_	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/11/2011	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: CK/					Qualifier Qualifier Qualifier
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	5460	10.0	03/12/2011	ND	202	101	200	2.43	
DRO >C10-C28	2780	10.0	03/12/2011	ND	198	99.0	200	1.03	
Surrogate: 1-Chlorooctane	lorooctane 117 % 70-13		-						
Surrogate: 1-Chlorooctadecane	111	% 70-130							

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Celey D. Keine



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Fax To: (505) 397-0397

Received:

03/10/2011

Sampling Date:

03/09/2011

Reported:

03/17/2011

Sampling Type:

Soil

Project Name:

PONDEROSA 20 STATE #1

Sampling Condition:

Cool & Intact

Project Number: Project Location: NONE GIVEN

LOCO HILLS, NM

Sample Received By:

Jodi Henson

Sample ID: SB 3 @ 5' (H100466-14)

BTEX 8021B	mg/kg			d By: CMS					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	03/15/2011	ND	2.03	102	2.00	10.0	
Toluene*	16.2	1.00	03/15/2011	ND	2,09	105	2.00	9.15	
Ethylbenzene*	11.5	1.00	03/15/2011	ND	2.13	107	2.00	7.35	
Total Xylenes*	110	3.00	03/15/2011	ND	6.31	105	6.00	7.00	
Swrogate: 4-Bromofluorobenzene (PIL	82.I	% 70-130							
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	2970	10.0	03/12/2011	ND ·	202	101	200	2.43	
DRO >C10-C28	2260	10.0	03/12/2011	ND	198	99.0	200	1.03	
Surrogate: 1-Chlorooctane	124	% 70-130]						
Swrogate: 1-Chlorooctadecane	116	% 70-130	,						

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Celeg & Kreene



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Cliff Brunson

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Fax To:

(505) 397-0397

Received:

03/10/2011

Sampling Date:

03/09/2011

Reported:

03/17/2011

Sampling Type:

Soil

Project Name:

PONDEROSA 20 STATE #1

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Project Location:

LOCO HILLS, NM

Sample Received By:

Jodi Henson

Sample ID: SB 3 @ 10' (H100466-15)

BTEX 8021B	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	03/15/2011	ND	2.03	102	2.00	10.0	
Toluene*	<0.050	0.050	03/15/2011	ND	2.09	105	2.00	9.15	
Ethylbenzene*	<0.050	0.050	03/15/2011	ND	2.13	107	2.00	7.35	
Total Xylenes*	<0.150	0.150	03/15/2011	ND	6.31	105	6.00	7.00	
Surrogate: 4-Bromofluorobenzene (PIL	97.6	% 70-130)						
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	03/12/2011	ND	202	101	. 200	2.43	
DRO >C10-C28	70.3	10.0	03/12/2011	ND	198	99.0	200	1.03	
Surrogate: 1-Chlorooctane	113 9	% 70-130)			, , , , , , , , , , , , , , , , , , ,			
Surrogate: 1-Chlorooctadecane 1.		% 70-130)						

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Celey & Keene



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Fax To: (505) 397-0397

Received: Reported: 03/10/2011

03/17/2011

Project Name:

PONDEROSA 20 STATE #1

Project Number: Project Location:

NONE GIVEN

LOCO HILLS, NM

Sampling Date:

03/09/2011

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By: Joe

Jodi Henson

Sample ID: SB 3 @ 15' (H100466-16)

BTEX 8021B	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	03/15/2011	ND	2.03	102	2.00	10.0	
Toluene*	<0.050	0.050	03/15/2011	ND	2.09	105	2.00	9.15	
Ethylbenzene*	<0.050	0.050	03/15/2011	ND	2.13	107	2.00	7.35	
Total Xylenes*	<0.150	0.150	03/15/2011	ND .	6.31	105	6.00	7.00	
Surrogate: 4-Bromofluorobenzene (PIL	98.7	% 70-130)						,
TPH 8015M	mg/	'kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	B\$	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2011	ND	202	101	200	2.43	
DRO >C10-C28	139	10.0	03/12/2011	NĐ	198	99.0	200	1.03	
Surrogate: 1-Chlorooctane	142 5	% 70-130)	***********					
Surrogate: 1-Chlorooctadecane	134 9	% 70-130)						

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Fax To:

(505) 397-0397

Received:

03/10/2011

Sampling Date:

03/09/2011

Reported:

03/17/2011

Sampling Type:

Soil

Project Name:

PONDEROSA 20 STATE #1

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By: '

Jodi Henson

Project Location:

LOCO HILLS, NM

Sample ID: SB 3 @ 20' (H100466-17)

sult .050	Reporting Limit	Analyzed	Method Blank	BS	O/ Deemies	T . 11:1 00		
.050				us	% Recovery	True Value QC	RPD	Qualifier
	0.050	03/15/2011	ND	2.03	102	2.00	10.0	
)57	0.050	03/15/2011	ND	2.09	105	2.00	9.15	
.050	0.050	03/15/2011	ND	2.13	107	2.00	7.35	
362	0.150	03/15/2011	ND	6.31	105	6.00	7.00	
110 %	70-130)						
mg/k	(g	Analyzed By: CK/						
sult	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
0.0	10.0	03/12/2011	ND	202	101	200	2.43	
9.8	10.0	03/12/2011	ND	198	99.0	200	1.03	
3	050 362	050 0.050 862 0.150 110 % 70-130 mg/kg sult Reporting Limit 0.0 10.0	050 0.050 03/15/2011 662 0.150 03/15/2011 110 % 70-130 mg/kg Analyzed sult Reporting Limit Analyzed 0.0 10.0 03/12/2011	050 0.050 03/15/2011 ND 862 0.150 03/15/2011 ND 110 % 70-130 mg/kg Analyzed By: CK/ sult Reporting Limit Analyzed Method Blank 0.0 10.0 03/12/2011 ND	050 0.050 03/15/2011 ND 2.13 862 0.150 03/15/2011 ND 6.31 110 % 70-130 mg/kg Analyzed By: CK/ sult Reporting Limit Analyzed Method Blank BS 0.0 10.0 03/12/2011 ND 202	050 0.050 03/15/2011 ND 2.13 107 862 0.150 03/15/2011 ND 6.31 105 110 % 70-130 mg/kg Analyzed By: CK/ sult Reporting Limit Analyzed Method Blank BS % Recovery 0.0 10.0 03/12/2011 ND 202 101	050 0.050 03/15/2011 ND 2.13 107 2.00 862 0.150 03/15/2011 ND 6.31 105 6.00 110 % 70-130 mg/kg Analyzed By: CK/ sult Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 0.0 10.0 03/12/2011 ND 202 101 200	050 0.050 03/15/2011 ND 2.13 107 2.00 7.35 862 0.150 03/15/2011 ND 6.31 105 6.00 7.00 110 % 70-130 mg/kg Analyzed By: CK/ sult Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 0.0 10.0 03/12/2011 ND 202 101 200 2.43

Surrogate: 1-Chlorooctadecane

117%

70-130

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Fax To: (505) 397-0397

Received:

03/10/2011

Sampling Date:

03/09/2011

Reported:

03/17/2011

Sampling Type:

Soil

Project Name:

Sampling Condition:

Cool & Intact

Project Number:

PONDEROSA 20 STATE #1 NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

LOCO HILLS, NM

Sample ID: SB 3 @ 25' (H100466-18)

BTEX 8021B	mg/l	kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2011	ND	2.03	102	2.00	10.0	
Toluene*	0.060	0.050	03/15/2011	ND	2.09	105	2.00	9.15	
Ethylbenzene*	<0.050	0.050	03/15/2011	ND	2.13	107	2.00	7.35	
Total Xylenes*	0.454	0.150	03/15/2011	ND	6.31	105	6.00	7.00	
Surrogate: 4-Bromofluorobenzene (PIL	106%	6 70-130	****				,		the state of the s
TPH 8015M	mg/l	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	03/12/2011	ND	202	101	200	2.43	
DRO >C10-C28	155	10.0	03/12/2011	ND	198	99.0	200	1.03	
Surrogate: 1-Chlorooctane	125 %	5 70-130		- v					
Surrogate: 1-Chlorooctadecane	118%	5 70-130							

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Fax To:

(505) 397-0397

Received:

03/10/2011

Sampling Date:

03/09/2011

Reported:

03/17/2011

Sampling Type:

Soil

Project Name:

PONDEROSA 20 STATE #1

Sampling Condition:

Cool & Intact

Project Number:

Sample Received By:

Jodi Henson

NONE GIVEN

Project Location:

LOCO HILLS, NM

Sample ID: SB 3 2 30' (H100466-19)

BTEX 8021B	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	03/15/2011	ND	2.03	102	2.00	10.0	
Toluene*	0.072	0.050	03/15/2011	ND	2.09	105	2.00	9.15	
Ethylbenzene*	<0.050	0.050	03/15/2011	ND	2.13	107	2.00	7.35	
Total Xylenes*	0.257	0.150	03/15/2011	ND	6.31	105	6.00	7.00	
Surrogate: 4-Bromofluorobenzene (PIL	98.0	% 70-130							
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	03/12/2011	ND	223	112	200	1.12	
DRO >C10-C28	25.3	10.0	03/12/2011	ND	223	111	200	0.539	
Surrogate: 1-Chlorooctane	122	% 70-130			,				***************************************
Surrogate: 1-Chlorooctadecane	115	% 70-130							

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Celay & Keine



Surrogates above historical limits.

Z-01

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. Carolinal's fability and client's exclusive remedy for any cision arising, whether based in contract or tort, shall be liamited to the amount paid by client for analyses. All claims, including these for negligence and any other cause whatevever shall be deemed waived unless mode in writing and received by Cardinal within thing (30) days after completion of the applicable service. In no event shall Cardinal be liable for indefendal or consequential damages, including, without limitation, business internations, loss of use, or loss of profits incurred by client, its subaldaries, artiflates or successors orising 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 internations, for the services hereunder by Cardinal, regardless of whether such

Celeg & Kenna



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	BBC International, Inc.		BILL TO	erania.	ANALYSIS REQUEST								
Project Manage	r: Cliff Brunson		P.O.#:										
Address; P.O	. Box 805		Company:					1.					
city: Hobbs	State: NM	zip: 88241	Attn:				1						
Phone #: 575-	397-6388 Fax#: 575	-397-0397	Address:										
Project#: (\)		; Chesapeake	City:	Sity:									
	Ponderosa 20 State #1		State: Zip;										
Project Locatio	11 1		Phone #:	12				1 1					
Sampler Name:	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Fax #:	75									
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPL	NG 3]							
		JMP.		200	d 1 6.1								
<u> </u>		(C)C			13 6								
Lab l.D.	Sample I.D.	NA WAIN	. Sol Sel .	17.4	187 1-11	1 1 1							
1		(G)RABOR (C)OM ## CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	OTHER: ACID/BASE: ICE / COOL OTHER:	1	BTEX Chlerie								
		O	5 0 5 DATE	TIME									
11-00460-11	SB2 @ 10'	GIV		2;49 🗸	1								
	SB2 @ 15'	GIV	3-9-10	2:58	V								
	SB3 @ 3'	GIIV	√ 3-9-10	3:03	1 1								
14	SB3 @ 5'	GII	√ 3-9-10	3:09	V								
15		G/V/	√ 3-9-10	3:15	✓								
16	SB3 @ 15'	GIVI	V 3-9-10	3:18	✓								
17	SB3 @ 20'	C I V	√ 3-9-10	3:22	√			•					
1.49	SB3 @ 25'	GIV	1 1 3-9-10	3:30	1								
19	SB3 @ 30'	<u>G</u> 1/	3-9-10	3:39	√								
マも行っ	<u> </u>												
Roslyses, Ali claims includ	nd Damagos. Cardinal's liability and client's exclusive remedy for ing linese for negligence and any other cause whatsoever shall be	deemed waived unless made in willing a	nd received by Cardinal within 30 days after	er completion of the applica	alite								
	ardinal be hable for incidentation consequental damages, including out of or related to the performance of <u>services h</u> erequider by												
Relinguished B	y: Date: 3.5-11	Received By:		Phone Result: Fax Result:	☐ Yes ☐ No ☐ Yes ☐ No	Add'I Phone #: Add'I Fax #:							
1 16		$1 \leq 0$	Will.	REMARKS:	LI TES LINO	Add Fax #.							
Relinquished B	Vice Date:	Received By:	<u> </u>										
7.5	1 340.11	1 4 6 2 2 2	ha.										
	Time:	JULIU JUL	MALON										
Delivered By	(Circle One)	Sample Condi	tion CHECKED BY:										
Sampler - UPS	- Bus - Other:	A DYes DY	(Initials)										

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

Page 22 of 23

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	(505) 393-2326 FAX (505) 393-24	76				570 F	· -													
	BBC International, Inc.						LL IO.			-		A	NAL	YSIS	REC	QUES	31			
	: Cliff Brunson				P.O.								1							
Address: P.O.						ipany:							1	ļ		į l				
city: Hobbs	State: NM				Attn	:	<i>>a</i>						j							
Phone #: 575-3					Add	ress:	(0/)	(<u>-7</u>					Ì	İ			1			
Project#: ,W/	Project Own	ır: Cl	nes	apeake	City:								İ	İ		, ,	.	-		
Project Name: Ponderosa 20 State #1					Stat	e:	Zip:							ĺ	İ		.			
Project Location: \ \ \ozg \\ \hill_3 \ \ N, \(\bar{1}\)						ne #:			7										ļ	
Sampler Name:	Jeff Ornelas				Fax	#:			15							i 1				
FOR LAB USE ONLY		Τ.		MATRIX		RESERV.	SAMPL	ING	918		ڼ		l		. 1		.			
Lab I.D.	Sample I.D.	(G)RABOR (C)OM	# CONTAINERS	GROUNDWATER WASTEWATER SOUL OIL SLUDGE	OTHER:	ACID/BASE; ICE / COOL OTHER:	DATE	TIME	8 Hd1-	BTEX	(hlerich									
	SB1 @ 3'	G	1	√		i/	3-9-10	1:11	✓	✓	✓									
	SB1 @ 5'	1G	1	1 1		V	3-9-10	1:25	V	✓										
	SB1 @ 10'	C	1	V		V!	3-9-10	1:26	✓	✓					ļ					
	SB1 @ 15'	JC.	1	I V		_\V	3-9-10	1:46	✓	✓								\perp		
5		G	L			IV.	3-9-10	1:53	1	✓										
la	SB1 @ 25'	. G.	1	J	_	. V	3-9-10	2:00	1	1										
	SB1 @ 30'	<u> 2</u>	1	' i/	Щ.	V,	3-9-10	2:03	1	✓										
	SB1 @ 35'	6	1	V		<u>√</u>	3-9-10	2:10	1	1										
	SB2 @ 3'	G	l	√,!		V_{f}	3-9-10	2:40	<.		4		.[,		.]					
12	SB2 @ 5'						3-9-10	2:43												

PLEASE NOTE: Liability and Damages. Cardma's liability and clorins exclusive remay for any dam arising which reboard in contract or but, shall be limited to the amount part by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed valued used in whiting and received by Cardinel within 30 days after completion of the explicable service. In no event shall Cardinel be failed for incidental or consequential damages, including winout limitable, business interruptors. Jose of use, or loss of policy recursor by client, its substitutes.

	affiliates or successors arising out of or related to fire performance of	d services hereunder by Co	ardinal regardless of whether such claim is based inon at	ny of the above stated tea	sons of otherwise.				
I	Relinquished By:	Date:	Received By:		Phone Result:	D Yes	□ No	Add'l Phone #:	
ı	0 0	3-9-11	proces.		Fax Result:	☐ Yes	□ No	Add'i Fax #:	
ı	(1) 1/20 1/	Time:			REMARKS:				
ı	Wish Har	5100		·					
ı	Relinquished By:	Date: No. 1)	Received By:						
ı	7	3-12-11							
1		Time: 1-45A	1/16/10/10 10/10 10 10	18211					
- 1		115354		WV .					
1	Delivered By: (Circle One)			IECKED BY:					
ı			Cool Intact	(Initials)/					
1	Sampler - UPS - Bus - Other:		A Yes A Yes	CINT					
L			O O No No	C/1/4					

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