

**NM1 - 30**

**MONITORING  
REPORTS**

**YEAR(S):**

**2008-2010**

OCD

Attn. Brad Jones



October 21, 2010

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

RE: ARTESIA AERATION LLC

Enclosed are the results of analyses for samples received by the laboratory on 10/15/10 10:00.

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:	10/15/2010	Sampling Date:	10/14/2010
Reported:	10/21/2010	Sampling Type:	Soil
Project Name:	ARTESIA AERATION LLC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

**Sample ID: CELL 1 SP @ 6" (H021070-01)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	10/16/2010	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	10/18/2010	ND	192	96.2	200	5.58		
DRO >C10-C28	35.1	10.0	10/18/2010	ND	189	94.4	200	1.24		
Surrogate: 1-Chlorooctane	79.5 %	70-130								
Surrogate: 1-Chlorooctadecane	78.9 %	70-130								

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\*=Accredited Analyte

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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:	10/15/2010	Sampling Date:	10/14/2010
Reported:	10/21/2010	Sampling Type:	Soil
Project Name:	ARTESIA AERATION LLC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

**Sample ID: CELL 1 SP @ 3' (H021070-02)**

Arsenic, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Arsenic	15.8	0.0500	10/20/2010	ND	4.01	100	4.00	4.07	GAL	

Barium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Barium	1980	1.00	10/20/2010	ND	1.94	97.0	2.00	3.67	GAL	

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	10/15/2010	ND	1.69	84.7	2.00			
Toluene*	0.254	0.050	10/15/2010	ND	1.83	91.6	2.00			
Ethylbenzene*	0.191	0.050	10/15/2010	ND	1.93	96.7	2.00			
Total Xylenes*	0.719	0.150	10/15/2010	ND	5.63	93.8	6.00			

Surrogate: 4-Bromofluorobenzene (PIL) 88.5 % 80-120

Cadmium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cadmium	<1.00	1.00	10/20/2010	ND	1.97	98.5	2.00	5.21	GAL	


Calcium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Calcium	97000	50.0	10/20/2010	ND	4.16	104	4.00	5.94	GAL	

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	10/16/2010	ND	432	108	400	0.00		

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\*=Accredited Analyte

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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: 10/15/2010  
Reported: 10/21/2010  
Project Name: ARTESIA AERATION LLC  
Project Number: NONE GIVEN  
Project Location: MALJAMAR, NM

Sampling Date: 10/14/2010  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

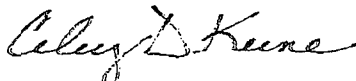
**Sample ID: CELL 1 SP @ 3' (H021070-02)**

Chromium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chromium	13.0	1.00	10/20/2010	ND	1.04	104	1.00	4.93	GAL	
Copper, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Copper	12.6	2.00	10/20/2010	ND	4.24	106	4.00	1.90	GAL	
Iron 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Iron	9450	5.00	10/20/2010	ND	3.98	99.5	4.00	4.89	GAL	
Lead, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Lead	5.70	5.00	10/20/2010	ND	4.17	104	4.00	4.41	GAL	
Magnesium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Magnesium	11100	50.0	10/20/2010	ND	4.00	100	4.00	2.79	GAL	
Manganese 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Manganese	166	0.500	10/20/2010	ND	2.09	104	2.00	4.40	GAL	
Mercury, 7471A		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Mercury	<0.100	0.100	10/19/2010	ND	0.002	100	0.00200	0.00	GAL	
Potassium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

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Caley D. Keene, Lab Director/Quality Manager

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

Received:	10/15/2010	Sampling Date:	10/14/2010
Reported:	10/21/2010	Sampling Type:	Soil
Project Name:	ARTESIA AERATION LLC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

**Sample ID: CELL 1 SP @ 3' (H021070-02)**

Potassium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Potassium	2350	50.0	10/20/2010	ND	10.3	103	10.0	0.0967	GAL	

Selenium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Selenium	<20.0	20.0	10/20/2010	ND	4.03	101	4.00	4.31	GAL	

Silver, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Silver	<1.00	1.00	10/20/2010	ND	0.049	98.0	0.0500	4.17	GAL	

Sodium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sodium	840	50.0	10/20/2010	ND	16.6	102	16.2	0.483	GAL	

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	10/18/2010	ND	192	96.2	200	5.58		
DRO >C10-C28	33.0	10.0	10/18/2010	ND	189	94.4	200	1.24		

Surrogate: 1-Chlorooctane 76.4% 70-130

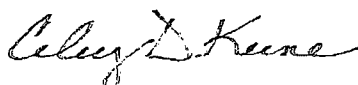
Surrogate: 1-Chlorooctadecane 79.1% 70-130

Zinc 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Zinc	68.7	5.00	10/20/2010	ND	1.96	98.0	2.00	4.17	GAL	

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/15/2010	Sampling Date:	10/14/2010
Reported:	10/21/2010	Sampling Type:	Soil
Project Name:	ARTESIA AERATION LLC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

**Sample ID: CELL 2 SP @ 6" (H021070-03)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	10/16/2010	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	10/18/2010	ND	192	96.2	200	5.58		
DRO >C10-C28	26.2	10.0	10/18/2010	ND	189	94.4	200	1.24		
Surrogate: 1-Chlorooctane	67.9 %	70-130								
Surrogate: 1-Chlorooctadecane	67.1 %	70-130								

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Celey D. Keene, Lab Director/Quality Manager





# CARDINAL Laboratories

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: 10/15/2010  
Reported: 10/21/2010  
Project Name: ARTESIA AERATION LLC  
Project Number: NONE GIVEN  
Project Location: MALJAMAR, NM

Sampling Date: 10/14/2010  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

### Sample ID: CELL 2 SP @ 3' (H021070-04)

Arsenic, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Arsenic	20.7	0.0500	10/20/2010	ND	4.01	100	4.00	4.07	GAL	

Barium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Barium	1640	1.00	10/20/2010	ND	1.94	97.0	2.00	3.67	GAL	

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	10/15/2010	ND	1.69	84.7	2.00			
Toluene*	0.053	0.050	10/15/2010	ND	1.83	91.6	2.00			
Ethylbenzene*	<0.050	0.050	10/15/2010	ND	1.93	96.7	2.00			
Total Xylenes*	<0.150	0.150	10/15/2010	ND	5.63	93.8	6.00			

Surrogate: 4-Bromofluorobenzene (PIL) 98.9% 80-120

Cadmium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cadmium	<1.00	1.00	10/20/2010	ND	1.97	98.5	2.00	5.21	GAL	

Calcium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Calcium	96900	50.0	10/20/2010	ND	4.16	104	4.00	5.94	GAL	

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	10/16/2010	ND	432	108	400	0.00		

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager

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

Received:	10/15/2010	Sampling Date:	10/14/2010
Reported:	10/21/2010	Sampling Type:	Soil
Project Name:	ARTESIA AERATION LLC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

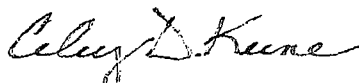
**Sample ID: CELL 2 SP @ 3' (H021070-04)**

Chromium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chromium	12.6	1.00	10/20/2010	ND	1.04	104	1.00	4.93	GAL	
Copper, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Copper	13.1	2.00	10/20/2010	ND	4.24	106	4.00	1.90	GAL	
Iron 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Iron	9840	5.00	10/20/2010	ND	3.98	99.5	4.00	4.89	GAL	
Lead, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Lead	<5.00	5.00	10/20/2010	ND	4.17	104	4.00	4.41	GAL	
Magnesium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Magnesium	12100	50.0	10/20/2010	ND	4.00	100	4.00	2.79	GAL	
Manganese 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Manganese	157	0.500	10/20/2010	ND	2.09	104	2.00	4.40	GAL	
Mercury, 7471A		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Mercury	<0.100	0.100	10/19/2010	ND	0.002	100	0.00200	0.00	GAL	
Potassium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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 Cliff Brunson  
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 Fax To: (505) 397-0397

Received:	10/15/2010	Sampling Date:	10/14/2010
Reported:	10/21/2010	Sampling Type:	Soil
Project Name:	ARTESIA AERATION LLC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

**Sample ID: CELL 2 SP @ 3' (H021070-04)**

Potassium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Potassium	2370	50.0	10/20/2010	ND	10.3	103	10.0	0.0967	GAL	
Selenium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Selenium	<20.0	20.0	10/20/2010	ND	4.03	101	4.00	4.31	GAL	
Silver, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Silver	<1.00	1.00	10/20/2010	ND	0.049	98.0	0.0500	4.17	GAL	
Sodium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sodium	853	50.0	10/20/2010	ND	16.6	102	16.2	0.483	GAL	
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	10/18/2010	ND	192	96.2	200	5.58		
DRO >C10-C28	<10.0	10.0	10/18/2010	ND	189	94.4	200	1.24		
<i>Surrogate: 1-Chlorooctane</i>		68.3 %	70-130							
<i>Surrogate: 1-Chlorooctadecane</i>		71.1 %	70-130							
Zinc 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Zinc	75.3	5.00	10/20/2010	ND	1.96	98.0	2.00	4.17	GAL	

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Celestine 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:	10/15/2010	Sampling Date:	10/14/2010
Reported:	10/21/2010	Sampling Type:	Soil
Project Name:	ARTESIA AERATION LLC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

**Sample ID: CELL 3 SP @ 6" (H021070-05)**

Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	10/16/2010	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	10/18/2010	ND	192	96.2	200	5.58		
DRO >C10-C28	35.9	10.0	10/18/2010	ND	189	94.4	200	1.24		

Surrogate: 1-Chlorooctane      66.4 %      70-130  
 Surrogate: 1-Chlorooctadecane      67.4 %      70-130

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Celey D. Keene, Lab Director/Quality Manager

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

Received:	10/15/2010	Sampling Date:	10/14/2010
Reported:	10/21/2010	Sampling Type:	Soil
Project Name:	ARTESIA AERATION LLC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

**Sample ID: CELL 3 SP @ 3' (H021070-06)**

Arsenic, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Arsenic	18.4	0.0500	10/20/2010	ND	4.01	100	4.00	4.07	GAL	

Barium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Barium	1640	1.00	10/20/2010	ND	1.94	97.0	2.00	3.67	GAL	

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	10/15/2010	ND	1.69	84.7	2.00			
Toluene*	<0.050	0.050	10/15/2010	ND	1.83	91.6	2.00			
Ethylbenzene*	<0.050	0.050	10/15/2010	ND	1.93	96.7	2.00			
Total Xylenes*	<0.150	0.150	10/15/2010	ND	5.63	93.8	6.00			

Surrogate: 4-Bromofluorobenzene (PIL) 102 % 80-120

Cadmium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cadmium	<1.00	1.00	10/20/2010	ND	1.97	98.5	2.00	5.21	GAL	

Calcium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Calcium	102000	50.0	10/20/2010	ND	4.16	104	4.00	5.94	GAL	

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	10/16/2010	ND	432	108	400	0.00		

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Celey 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:	10/15/2010	Sampling Date:	10/14/2010
Reported:	10/21/2010	Sampling Type:	Soil
Project Name:	ARTESIA AERATION LLC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

**Sample ID: CELL 3 SP @ 3' (H021070-06)**

Chromium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chromium	13.3	1.00	10/20/2010	ND	1.04	104	1.00	4.93	GAL	
Copper, 200.7		mg/kg		Analyzed By: JM						
Copper	13.3	2.00	10/20/2010	ND	4.24	106	4.00	1.90	GAL	
Iron 200.7		mg/kg		Analyzed By: JM						
Iron	9700	5.00	10/20/2010	ND	3.98	99.5	4.00	4.89	GAL	
Lead, 6010B		mg/kg		Analyzed By: JM						
Lead	<5.00	5.00	10/20/2010	ND	4.17	104	4.00	4.41	GAL	
Magnesium, 200.7		mg/kg		Analyzed By: JM						
Magnesium	12400	50.0	10/20/2010	ND	4.00	100	4.00	2.79	GAL	
Manganese 200.7		mg/kg		Analyzed By: JM						
Manganese	165	0.500	10/20/2010	ND	2.09	104	2.00	4.40	GAL	
Mercury, 7471A		mg/kg		Analyzed By: JM						
Mercury	<0.100	0.100	10/19/2010	ND	0.002	100	0.00200	0.00	GAL	
Potassium, 200.7		mg/kg		Analyzed By: JM						
Potassium										

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Received:	10/15/2010	Sampling Date:	10/14/2010
Reported:	10/21/2010	Sampling Type:	Soil
Project Name:	ARTESIA AERATION LLC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

**Sample ID: CELL 3 SP @ 3' (H021070-06)**

Potassium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Potassium	2470	50.0	10/20/2010	ND	10.3	103	10.0	0.0967	GAL	

Selenium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Selenium	<20.0	20.0	10/20/2010	ND	4.03	101	4.00	4.31	GAL	

Silver, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Silver	<1.00	1.00	10/20/2010	ND	0.049	98.0	0.0500	4.17	GAL	

Sodium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sodium	891	50.0	10/20/2010	ND	16.6	102	16.2	0.483	GAL	

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	10/18/2010	ND	192	96.2	200	5.58		
DRO >C10-C28	13.6	10.0	10/18/2010	ND	189	94.4	200	1.24		

Surrogate: 1-Chlorooctane 74.1 % 70-130

Surrogate: 1-Chlorooctadecane 79.4 % 70-130

Zinc 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Zinc	71.1	5.00	10/20/2010	ND	1.96	98.0	2.00	4.17	GAL	

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received:	10/15/2010	Sampling Date:	10/14/2010
Reported:	10/21/2010	Sampling Type:	Soil
Project Name:	ARTESIA AERATION LLC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

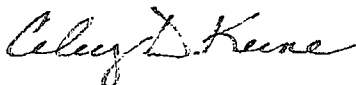
**Sample ID: CELL 4 SP @ 6" (H021070-07)**

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	10/16/2010	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	10/18/2010	ND	192	96.2	200	5.58		
DRO >C10-C28	41.7	10.0	10/18/2010	ND	189	94.4	200	1.24		
Surrogate: 1-Chlorooctane	70.1 %	70-130								
Surrogate: 1-Chlorooctadecane	70.9 %	70-130								

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

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

Received:	10/15/2010	Sampling Date:	10/14/2010
Reported:	10/21/2010	Sampling Type:	Soil
Project Name:	ARTESIA AERATION LLC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

**Sample ID: CELL 4 SP @ 3' (H021070-08)**

Arsenic, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Arsenic	3.35	0.0500	10/20/2010	ND	4.01	100	4.00	4.07	GAL	

Barium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Barium	452	1.00	10/20/2010	ND	1.94	97.0	2.00	3.67	GAL	

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	10/15/2010	ND	1.69	84.7	2.00			
Toluene*	<0.050	0.050	10/15/2010	ND	1.83	91.6	2.00			
Ethylbenzene*	<0.050	0.050	10/15/2010	ND	1.93	96.7	2.00			
Total Xylenes*	<0.150	0.150	10/15/2010	ND	5.63	93.8	6.00			

Surrogate: 4-Tromofluorobenzene (PIL) 98.6% 80-120

Cadmium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cadmium	<1.00	1.00	10/20/2010	ND	1.97	98.5	2.00	5.21	GAL	

Calcium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Calcium	28300	50.0	10/20/2010	ND	4.16	104	4.00	5.94	GAL	

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	10/16/2010	ND	432	108	400	0.00		

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

Received:	10/15/2010	Sampling Date:	10/14/2010
Reported:	10/21/2010	Sampling Type:	Soil
Project Name:	ARTESIA AERATION LLC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

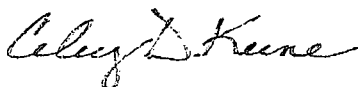
**Sample ID: CELL 4 SP @ 3' (H021070-08)**

Chromium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chromium	2.40	1.00	10/20/2010	ND	1.04	104	1.00	4.93	GAL	
Copper, 200.7		mg/kg		Analyzed By: JM						
Copper	2.30	2.00	10/20/2010	ND	4.24	106	4.00	1.90	GAL	
Iron 200.7		mg/kg		Analyzed By: JM						
Iron	2500	5.00	10/20/2010	ND	3.98	99.5	4.00	4.89	GAL	
Lead, 6010B		mg/kg		Analyzed By: JM						
Lead	<5.00	5.00	10/20/2010	ND	4.17	104	4.00	4.41	GAL	
Magnesium, 200.7		mg/kg		Analyzed By: JM						
Magnesium	3030	50.0	10/20/2010	ND	4.00	100	4.00	2.79	GAL	
Manganese 200.7		mg/kg		Analyzed By: JM						
Manganese	39.7	0.500	10/20/2010	ND	2.09	104	2.00	4.40	GAL	
Mercury, 7471A		mg/kg		Analyzed By: JM						
Mercury	<0.100	0.100	10/19/2010	ND	0.002	100	0.00200	0.00	GAL	
Potassium, 200.7		mg/kg		Analyzed By: JM						

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 Fax To: (505) 397-0397

Received:	10/15/2010	Sampling Date:	10/14/2010
Reported:	10/21/2010	Sampling Type:	Soil
Project Name:	ARTESIA AERATION LLC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

**Sample ID: CELL 4 SP @ 3' (H021070-08)**

Potassium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Potassium	531	50.0	10/20/2010	ND	10.3	103	10.0	0.0967	GAL	

Selenium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Selenium	<20.0	20.0	10/20/2010	ND	4.03	101	4.00	4.31	GAL	

Silver, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Silver	<1.00	1.00	10/20/2010	ND	0.049	98.0	0.0500	4.17	GAL	

Sodium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sodium	259	50.0	10/20/2010	ND	16.6	102	16.2	0.483	GAL	

TPH 8015M		mg/kg		Analyzed By: AB							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10	<10.0	10.0	10/18/2010	ND	192	96.2	200	5.58			
DRO >C10-C28	<10.0	10.0	10/18/2010	ND	189	94.4	200	1.24			

Surrogate: 1-Chlorooctane 66.5 % 70-130

Surrogate: 1-Chlorooctadecane 69.8 % 70-130

Zinc 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Zinc	14.9	5.00	10/20/2010	ND	1.96	98.0	2.00	4.17	GAL	

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*Celestine Keene*

Celestine D. Keene, Lab Director/Quality Manager



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Cliff Brunson  
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Fax To: (505) 397-0397

Received:	10/15/2010	Sampling Date:	10/14/2010
Reported:	10/21/2010	Sampling Type:	Soil
Project Name:	ARTESIA AERATION LLC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

**Sample ID: CELL 5 SP @ 6" (H021070-09)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	10/16/2010	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	10/18/2010	ND	192	96.2	200	5.58		
DRO >C10-C28	27.1	10.0	10/18/2010	ND	189	94.4	200	1.24		
Surrogate: 1-Chlorooctane		67.2 %	70-130							
Surrogate: 1-Chlorooctadecane		72.1 %	70-130							

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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: 10/15/2010  
Reported: 10/21/2010  
Project Name: ARTESIA AERATION LLC  
Project Number: NONE GIVEN  
Project Location: MALJAMAR, NM

Sampling Date: 10/14/2010  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: CELL 5B SP @ 3' (H021070-10)**

Arsenic, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Arsenic	14.6	0.0500	10/20/2010	ND	4.01	100	4.00	4.07	GAL	

Barium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Barium	1760	1.00	10/20/2010	ND	1.94	97.0	2.00	3.67	GAL	

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	10/15/2010	ND	1.69	84.7	2.00			
Toluene*	<0.050	0.050	10/15/2010	ND	1.83	91.6	2.00			
Ethylbenzene**	<0.050	0.050	10/15/2010	ND	1.93	96.7	2.00			
Total Xylenes**	<0.150	0.150	10/15/2010	ND	5.63	93.8	6.00			

Surrogate: 4-Bromofluorobenzene (PIL) 109% 80-120

Cadmium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cadmium	<1.00	1.00	10/20/2010	ND	1.97	98.5	2.00	5.21	GAL	

Calcium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Calcium	95800	50.0	10/20/2010	ND	4.16	104	4.00	5.94	GAL	

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	10/16/2010	ND	432	108	400	0.00		

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Celey 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:	10/15/2010	Sampling Date:	10/14/2010
Reported:	10/21/2010	Sampling Type:	Soil
Project Name:	ARTESIA AERATION LLC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

**Sample ID: CELL 5B SP @ 3' (H021070-10)**

Chromium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chromium	15.2	1.00	10/20/2010	ND	1.04	104	1.00	4.93	GAL	
Copper, 200.7		mg/kg		Analyzed By: JM						
Copper	11.8	2.00	10/20/2010	ND	4.24	106	4.00	1.90	GAL	
Iron 200.7		mg/kg		Analyzed By: JM						
Iron	13200	5.00	10/20/2010	ND	3.98	99.5	4.00	4.89	GAL	
Lead, 6010B		mg/kg		Analyzed By: JM						
Lead	6.70	5.00	10/20/2010	ND	4.17	104	4.00	4.41	GAL	
Magnesium, 200.7		mg/kg		Analyzed By: JM						
Magnesium	11100	50.0	10/20/2010	ND	4.00	100	4.00	2.79	GAL	
Manganese 200.7		mg/kg		Analyzed By: JM						
Manganese	217	0.500	10/20/2010	ND	2.09	104	2.00	4.40	GAL	
Mercury, 7471A		mg/kg		Analyzed By: JM						
Mercury	<0.100	0.100	10/19/2010	ND	0.002	100	0.00200	0.00	GAL	
Potassium, 200.7		mg/kg		Analyzed By: JM						

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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:	10/15/2010	Sampling Date:	10/14/2010
Reported:	10/21/2010	Sampling Type:	Soil
Project Name:	ARTESIA AERATION LLC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

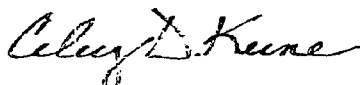
### Sample ID: CELL 5B SP @ 3' (H021070-10)

Potassium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Potassium	2350	50.0	10/20/2010	ND	10.3	103	10.0	0.0967	GAL	
Selenium, 6010B		mg/kg		Analyzed By: JM						
Selenium	<20.0	20.0	10/20/2010	ND	4.03	101	4.00	4.31	GAL	
Silver, 6010B		mg/kg		Analyzed By: JM						
Silver	<1.00	1.00	10/20/2010	ND	0.049	98.0	0.0500	4.17	GAL	
Sodium, 200.7		mg/kg		Analyzed By: JM						
Sodium	995	50.0	10/20/2010	ND	16.6	102	16.2	0.483	GAL	
TPH 8015M		mg/kg		Analyzed By: AB						
GRO C6-C10	<10.0	10.0	10/18/2010	ND	192	96.2	200	5.58		
DRO >C10-C28	<10.0	10.0	10/18/2010	ND	189	94.4	200	1.24		
Surrogate: 1-Chlorooctane		57.8 %	70-130							
Surrogate: 1-Chlorooctadecane		72.5 %	70-130							
Zinc 200.7		mg/kg		Analyzed By: JM						
Zinc	67.7	5.00	10/20/2010	ND	1.96	98.0	2.00	4.17	GAL	

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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:	10/15/2010	Sampling Date:	10/14/2010
Reported:	10/21/2010	Sampling Type:	Soil
Project Name:	ARTESIA AERATION LLC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

**Sample ID: CELL 6 SP @ 6" (H021070-11)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	10/16/2010	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	10/18/2010	ND	192	96.2	200	5.58		
DRO >C10-C28	52.6	10.0	10/18/2010	ND	189	94.4	200	1.24		

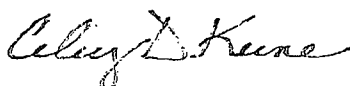
Surrogate: 1-Chlorooctane 61.4% 70-130

Surrogate: 1-Chloroadecane 68.5% 70-130

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Celey D. Keene, Lab Director/Quality Manager





# CARDINAL Laboratories

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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: 10/15/2010  
Reported: 10/21/2010  
Project Name: ARTESIA AERATION LLC  
Project Number: NONE GIVEN  
Project Location: MALJAMAR, NM

Sampling Date: 10/14/2010  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

### Sample ID: CELL 6B SP @ 3' (H021070-12)

Arsenic, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Arsenic	14.3	0.0500	10/20/2010	ND	4.01	100	4.00	4.07	GAL	

Barium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Barium	1800	1.00	10/20/2010	ND	1.94	97.0	2.00	3.67	GAL	

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	10/15/2010	ND	1.69	84.7	2.00			
Toluene*	<0.050	0.050	10/15/2010	ND	1.83	91.6	2.00			
Ethylbenzene*	<0.050	0.050	10/15/2010	ND	1.93	96.7	2.00			
Total Xylenes*	<0.150	0.150	10/15/2010	ND	5.63	93.8	6.00			

Surrogate: 4-Bromofluorobenzene (PIL) 118 % 80-120

Cadmium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cadmium	<1.00	1.00	10/20/2010	ND	1.97	98.5	2.00	5.21	GAL	

Calcium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Calcium	96000	50.0	10/20/2010	ND	4.16	104	4.00	5.94	GAL	

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	10/16/2010	ND	432	108	400	0.00		

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



# CARDINAL Laboratories

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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:	10/15/2010	Sampling Date:	10/14/2010
Reported:	10/21/2010	Sampling Type:	Soil
Project Name:	ARTESIA AERATION LLC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

Sample ID: CELL 6B SP @ 3' (H021070-12)

Chromium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chromium	12.8	1.00	10/20/2010	ND	1.04	104	1.00	4.93	GAL	
Copper, 200.7		mg/kg		Analyzed By: JM						
Copper	13.0	2.00	10/20/2010	ND	4.24	106	4.00	1.90	GAL	
Iron 200.7		mg/kg		Analyzed By: JM						
Iron	9620	5.00	10/20/2010	ND	3.98	99.5	4.00	4.89	GAL	
Lead, 6010B		mg/kg		Analyzed By: JM						
Lead	<5.00	5.00	10/20/2010	ND	4.17	104	4.00	4.41	GAL	
Magnesium, 200.7		mg/kg		Analyzed By: JM						
Magnesium	11600	50.0	10/20/2010	ND	4.00	100	4.00	2.79	GAL	
Manganese 200.7		mg/kg		Analyzed By: JM						
Manganese	159	0.500	10/20/2010	ND	2.09	104	2.00	4.40	GAL	
Mercury, 7471A		mg/kg		Analyzed By: JM						
Mercury	<0.100	0.100	10/19/2010	ND	0.002	100	0.00200	0.00	GAL	
Potassium, 200.7		mg/kg		Analyzed By: JM						

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*Celey D. Keene*

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:	10/15/2010	Sampling Date:	10/14/2010
Reported:	10/21/2010	Sampling Type:	Soil
Project Name:	ARTESIA AERATION LLC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

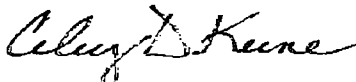
**Sample ID: CELL 6B SP @ 3' (H021070-12)**

Potassium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Potassium	2510	50.0	10/20/2010	ND	10.3	103	10.0	0.0967	GAL	
Selenium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Selenium	<20.0	20.0	10/20/2010	ND	4.03	101	4.00	4.31	GAL	
Silver, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Silver	<1.00	1.00	10/20/2010	ND	0.049	98.0	0.0500	4.17	GAL	
Sodium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sodium	1080	50.0	10/20/2010	ND	16.6	102	16.2	0.483	GAL	
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	10/18/2010	ND	192	96.2	200	5.58		
DRO >C10-C28	<10.0	10.0	10/18/2010	ND	189	94.4	200	1.24		
Surrogate: 1-Chlorooctane		63.8 %	70-130							
Surrogate: 1-Chlorooctadecane		75.6 %	70-130							
Zinc 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Zinc	69.5	5.00	10/20/2010	ND	1.96	98.0	2.00	4.17	GAL	

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Celey D. Keene, Lab Director/Quality Manager





# ARDINAL LABORATORIES

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 2

Company Name: BBC International, Inc.				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																								
Project Manager: Cliff Brunson				P.O. #:																												
Address: P.O. Box 805				Company:																												
City: Hobbs		State: NM		Zip: 88241		Attn:																										
Phone #: 575-397-6388		Fax #: 575-397-0397		Address: SAME																												
Project #:				Project Owner:																												
Project Name: ARTESIA AERATION LLC				State:				Zip:																								
Project Location: MALJAMAR NM				Phone #:																												
Sampler Name: ROGER HERNANDEZ				Fax #:																												
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	# GRAB OR (COMP. #) CONTAINERS	MATRIX				PRESERV.		SAMPLING																						
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	TPH	BTEX	MAJOR CATIONS	WQC METALS	Chloride													
	HZ1070-11	CELL 6 SP @ 6"	1			✓				✓			10-14-10	1:38	✓																	
	12	CELL 6B SP @ 3'	1			✓				✓			10-14-10	1:58	✓	✓	✓	✓	✓													

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Relinquished By:		Date: 10-14-10		Received By:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Time: 3:00 pm		Date: 10-15-10		Received By: Jodi Benson		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Relinquished By:		Date: 10-15-10		Time: 10:00 am		REMARKS:			
Delivered By: (Circle One)		Sample Condition		CHECKED BY:					
Sampler - UPS - Bus - Other:		Cool Intact		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
		2.50		Yes <input type="checkbox"/> No <input type="checkbox"/>					

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

#26

**ARTESIA AERATION, LLC**

**FACSIMILE TRANSMITTAL COVER SHEET**

**TO:** Brad Jones -

**FAX#:** 505-476-3462

**NUMBER OF PAGES INCLUDING COVER SHEET:** 4

**FROM:** JIM WILSON

**FAX#:** 575-391-0778

**PHONE#:** 575-631-2442

**MESSAGE:**

Analyses Results  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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July 13, 2010

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

Re: Artesia Aeration

Enclosed are the results of analyses for sample number H20278, received by the laboratory on 07/06/10 at 4:35 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

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

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

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.2	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keefe  
Laboratory Director

---

This report conforms with NELAP requirements.



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

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

Receiving Date: 07/06/10  
Reporting Date: 07/09/10  
Project Owner: JIM WILSON  
Project Name: ARTESIA AERATION  
Project Location: MALJAMAR, NM

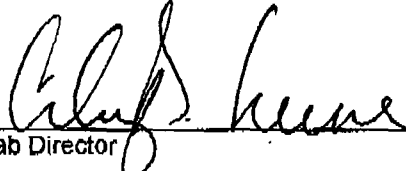
Sampling Date: 07/06/10  
Sample Type: SOIL  
Sample Condition: INTACT @ 10°C  
Sample Received By: JH  
Analyzed By: AB/ZL/HM

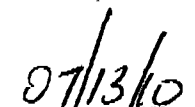
LAB NO.	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	Cl* (mg/kg)
ANALYSIS DATE:		07/08/10	07/08/10	07/07/10	07/07/10	07/07/10	07/07/10	07/07/10
H20278-1	CELL SP1 @ 3'	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	< 16
H20278-2	CELL SP1 @ 3'	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	< 16
H20278-3	CELL SP1 @ 3'	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	< 16
H20278-4	CELL SP1 @ 3'	<10.0	11.3	<0.050	<0.050	<0.050	<0.300	< 16
H20278-5	CELL SP1 @ 3'	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	< 16
H20278-6	CELL SP1 @ 3'	<10.0	<10.0	<0.050	<0.050	0.050	<0.300	< 16
H20278-7	CELL SP1 @ 3'	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	< 16
H20278-8	CELL SP1 @ 3'	<10.0	53.5	<0.050	<0.050	<0.050	<0.300	< 16
Quality Control		551	569	0.018	0.017	0.018	0.052	500
True Value QC		500	500	0.020	0.020	0.020	0.060	500
% Recovery		110	114	90.0	85.0	90.0	86.7	100
Relative Percent Difference		0.1	0.4	10.8	11.3	11.9	12.2	< 0.1

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B; Cl-: Std. Methods 4500-Cl-B

\*Analyses performed on 1:4 w:v aqueous extracts. Reported on wet weight.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,  
AND TOTAL XYLENES. Not accredited for GRO/DRO and Chloride.

  
Lab Director

  
Date

H20278 TBCL BBC

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 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.





**ARDINAL LABORATORIES**  
 101 East Marland, Hobbs, NM 88240  
 (505) 393-2326 FAX (505) 393-2476

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: BBC International, Inc.				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>					
Project Manager: Cliff Brunson				P.O. #:									
Address: P.O. Box 805				Company:									
City: Hobbs		State: NM Zip: 88241		Attn: <b>SAME</b>									
Phone #: 575-397-6388		Fax #: 575-397-0397		Address:									
Project #:		Project Owner: <i>Jim Wilson</i>		City:									
Project Name: <i>Asteria Aquatics</i>				State: Zip:									
Project Location: <i>Maljerman NM</i>				Phone #:									
Sampler Name: <i>Roger Hernandez</i>				Fax #:									
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
H20278-1	CELL SP 1 @ 3'	G 1			✓				✓		7-6-10	1100	↓ ↓ ↓
2	CELL SP 1 @ 3'	G 1			✓			✓		7-6-10	1245		
3	CELL SP 1 @ 3'	G 1			✓			✓		7-6-10	115		
4	CELL SP 1 @ 3'	G 1			✓			✓		7-6-10	145		
5	CELL SP 1 @ 3'	G 1			✓			✓		7-6-10	715		
6	CELL SP 1 @ 3'	G 1			✓			✓		7-6-10	250		
7	CELL SP 1 @ 3'	G 1			✓			✓		7-6-10	320		
8	CELL SP 1 @ 3'	G 1			✓			✓		7-6-10	345		

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claims arising weather based in contract or tort, shall be limited to the amount paid by the client for the 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 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 its customers arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such damages are based upon any of the above stated reasons or otherwise.

Relinquished By: <i>[Signature]</i>	Date: 7-6-10	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Time: 4:35			Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By: <i>[Signature]</i>	Date:	Received By: <i>Jodi Henson</i>	REMARKS:	
Time:				
Delivered By: (Circle One)	Sampler - UPS - Bus - Other:	Sample Condition Cool Intact Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: <i>[Signature]</i>	

† Cardinal cannot accept verbal changes. Please fax written changes to 506-393-2476

#26

ATTN: BRAD JONES

Artesia Area

04/28/2010 02:46 5053970397  
RECEIVED 04/28/2010 00:23 5053970397  
04/28/2010 13:03 5753932476

BBC INTERNATIONAL  
CARDINAL LABS

BBC INTERNATIONAL  
PAGE 01/03



PHONE (575) 393-2328 • 101 E. MARLAND - HOBBS, NM 88240

April 28, 2010

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

Re: Artesia Aeration LLC

Enclosed are the results of analyses for sample number H19731, received by the laboratory on 04/22/10 at 1:42 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

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

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

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.2	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

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

Sincerely,

  
Celey D. Keene  
Laboratory Director

---

This report conforms with NELAP requirements.



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(505) 393-2325 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.  
 Project Manager: CNR Brunson  
 Address: P.O. Box 805  
 City: Hobbs  
 State: NM Zip: 88241  
 Phone #: 575-397-6386 Fax #: 575-397-0397  
 Project #: \_\_\_\_\_ Project Owner: \_\_\_\_\_  
 Project Name: Alcove Addition LLC State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Project Location: McLinnam Hwy Phone #: \_\_\_\_\_  
 Sample Name: Ases Hernandez Fax #: \_\_\_\_\_

Lab ID	Sample I.D.	MATERIAL	PRESERV	SAMPLING	DATE	TIME	ANALYSIS	
							TPH	BTX
HP131.1	CELL 1	(G)RAD OR (C)OMP.			4-20-10	9:30		
	2 CELL 2	# CONTAINERS			4-20-10	9:30		
	3 CELL 3	GROUNDWATER			4-20-10	10:25		
	4 CELL 4	WASTEWATER			4-20-10	10:25		
	5 CELL 5B	SOIL			4-20-10	11:28		
	6 CELL 5	OIL			4-20-10	11:50		
	7 CELL 6B	SLUDGE			4-20-10	12:15		
	8 CELL 6	OTHER:			4-20-10	12:15		
		ACID/BASE:						
		ICE/COOL						
		OTHER:						

Delivered By: (Circle One) Ases Hernandez  
 Sample - Uts - Bus - Other: \_\_\_\_\_  
 Checked By: \_\_\_\_\_  
 Date: 4-20-10  
 Time: 11:50  
 Signature: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Fax: \_\_\_\_\_

#26

04/28/2010 02:46 5053970397  
RECEIVED 04/28/2010 00:23  
04/28/2010 13:03 5753932476

BBC INTERNATIONAL  
5053970397  
CARDINAL LABS

BBC INTERNATIONAL  
PAGE 02/03



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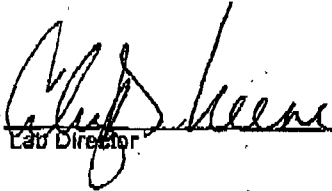
ANALYTICAL RESULTS FOR  
BBC INTERNATIONAL, INC.  
ATTN: CLIFF BRUNSON  
P.O. BOX 805  
HOBBS, NM 88241  
FAX TO (575) 397-0397

Receiving Date: 04/22/10  
Reporting Date: 04/28/10  
Project Owner: NOT GIVEN  
Project Name: ARTESIA AERATION LLC  
Project Location: MALJAMAR, NM

Sampling Date: 04/20/10  
Sample Type: SOIL  
Sample Condition: COOL & INTACT @ -12.5°C  
Sample Received By: JH  
Analyzed By: AB/ZL/HM

LAB NO.	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	Cl <sup>-</sup> (mg/kg)
ANALYSIS DATE:		04/25/10	04/25/10	04/27/10	04/27/10	04/27/10	04/27/10	04/23/10
H19731-1	CELL 1	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	< 16
H19731-2	CELL 2	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	< 16
H19731-3	CELL 3	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	< 16
H19731-4	CELL 4	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	< 16
H19731-5	CELL 5B	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	< 16
H19731-6	CELL 5	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	< 16
H19731-7	CELL 6B	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	< 16
H19731-8	CELL 6	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	< 16
Quality Control		565	590	0.053	0.051	0.047	0.146	500
True Value QC		500	500	0.050	0.050	0.050	0.150	500
% Recovery		113	118	106	102	94.0	97.3	100
Relative Percent Difference		1.8	2.3	16.2	2.9	10.6	11.4	2.0

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-848 8021B; Cl<sup>-</sup>: Std. Methods 4500-Cl-B  
\*Analyses performed on 1:4 w/v aqueous extracts, Reported on wet weight.  
TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,  
AND TOTAL XYLENES. Not accredited for GRO/DRO and Chloride.

  
Cliff Brunson  
Lab Director

04/28/10  
Date

H19731 TBCL BBC

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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Request relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Atten: Brad Jones

From Artesia Acreation

4 pages including cover



# ARDINAL LABORATORIES

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

Brad Jones 505-476-3262

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

Receiving Date: 12/28/09  
Reporting Date: 01/05/10  
Project Owner: JIM WILSON  
Project Name: ARTESIA AERATION LLC  
Project Location: MALJAMAR, NM

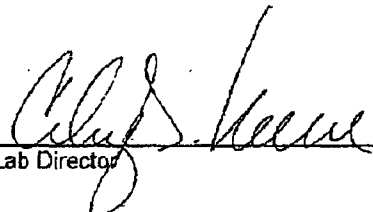
Sampling Date: 12/28/09  
Sample Type: SOIL  
Sample Condition: COOL & INTACT @ 4.5°C  
Sample Received By: HM  
Analyzed By: AB/ZL

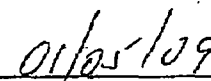
LAB NO.	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE:		12/29/09	12/29/09	12/31/09	12/31/09	12/31/09	12/31/09
H18954-1*	CELL 1. SP1 @ 3'	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H18954-2	CELL 2. SP1 @ 3'	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H18954-3	CELL 3. SP1 @ 3'	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H18954-4	CELL 4. SP1 @ 3'	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H18954-5	CELL 5. SP1 @ 3'	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H18954-6	CELL 5B. SP1 @ 3'	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H18954-7	CELL 6. SP1 @ 3'	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H18954-8	CELL 6B. SP1 @ 3'	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
Quality Control		587	476	0.045	0.047	0.049	0.151
True Value QC		500	500	0.050	0.050	0.050	0.150
% Recovery		117	95.2	90.0	94.0	98.0	101
Relative Percent Difference		0.3	3.6	2.1	1.5	3.7	1.6

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,  
AND TOTAL XYLENES. Reported on wet weight. Not accredited for GRO/DRO.

\*TPH surrogates outside historical limits due to matrix interference.

  
Lab Director

  
Date

H18954 BTEX8015 BBC

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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results



**CARDINAL LABORATORIES**

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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: <b>BBC International, Inc.</b>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																																					
Project Manager: <b>Cliff Brunson</b>				P.O. #:																																									
Address: <b>P.O. Box 805</b>				Company:																																									
City: <b>Hobbs</b>		State: <b>NM</b>		Zip: <b>88241</b>		Attn: <b>JANE</b>																																							
Phone #: <b>575-397-6388</b>		Fax #: <b>575-397-0397</b>		Address:																																									
Project #:		Project Owner: <b>Tia Wilson</b>		City:																																									
Project Name: <b>ARTESIA Aeration LLC</b>				State:				Zip:																																					
Project Location: <b>Albuquerque, NM</b>				Phone #:																																									
Sampler Name: <b>Roger Hernandez</b>				Fax #:																																									
FOR LAB USE ONLY																																													
Lab I.D.		Sample I.D.		# GRAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE/COOL		OTHER:		DATE		TIME		TPH		BTEX													
H18954		CELL 1 - SPI @ 3'		G		1						✓								✓						12-28-09		10:15		✓		✓													
-2		CELL 2 - SPI @ 3'		G		1						✓								✓						12-28-09		10:40		✓		✓													
-3		CELL 3 - SPI @ 3'		G		1						✓								✓						12-28-09		11:00		✓		✓													
-4		CELL 4 - SPI @ 3'		G		1						✓								✓						12-28-09		11:20		✓		✓													
-5		CELL 5 - SPI @ 3'		G		1						✓								✓						12-28-09		11:45		✓		✓													
-6		CELL 6B - SPI @ 3'		G		1						✓								✓						12-28-09		12:05		✓		✓													
-7		CELL 6 - SPI @ 3'		G		1						✓								✓						12-28-09		12:10		✓		✓													
-8		CELL 6B - SPI @ 3'		G		1						✓								✓						12-28-09		12:40		✓		✓													

PLEASE NOTE: Liability and Coverage. Cardinal's liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims related to this case 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.

Relinquished By:	Date: 12-28-09	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Time: 3:35	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
Relinquished By:	Time:	Received By:		

Delivered By: (Circle One)	Sample Condition	CHECKED BY:
Sampler - UPS - Bus - Other:	Cool Intact	(Initials)
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

1 Cardinal cannot accept verbal changes. Please fax written changes to 605-393-2476

F126



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

---

January 5, 2010

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

Re: Artesia Aeration LLC (Jim Wilson)

Enclosed are the results of analyses for sample number H18954, received by the laboratory on 12/28/09 at 3:35 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

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

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

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.2	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene  
Laboratory Director

---

This report conforms with NELAP requirements.

RECEIVED 10/29/2009 04:18  
5753932476

5053970397  
CARDINAL LABS

BBC INTERNATIONAL  
PAGE 02/03

10/29/2009 16:04



PHONE (575) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

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

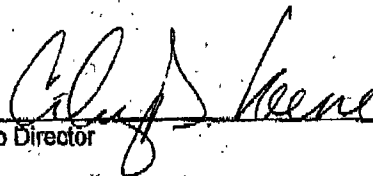
Receiving Date: 10/27/09  
Reporting Date: 10/29/09  
Project Owner: NOT GIVEN  
Project Name: ARTESIA AERATION LLC  
Project Location: MALJAMAR, NM

Sampling Date: 10/27/09  
Sample Type: SOIL  
Sample Condition: INTACT @ 15°C  
Sample Received By: ML  
Analyzed By: AB/ZL

LAB NO. SAMPLE ID	GRO (C <sub>8</sub> -C <sub>10</sub> ) (mg/kg)	DRO (>C <sub>10</sub> -C <sub>20</sub> ) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE:	10/27/09	10/27/09	10/28/09	10/28/09	10/28/09	10/28/09
H18585-1* CELL 1 SP1 @ 3'	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H18585-2 CELL 2 SP1 @ 3'	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H18585-3 CELL 3 SP1 @ 3'	<10.0	35.9	<0.050	<0.050	<0.050	<0.300
H18585-4 CELL 4 SP1 @ 3'	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H18585-5 CELL 5 SP1 @ 3'	<10.0	378	<0.050	<0.050	<0.050	<0.300
H18585-6 CELL 5B SP1 @ 3'	<10.0	13.1	<0.050	<0.050	<0.050	<0.300
H18585-7 CELL 6 SP1 @ 3'	<10.0	36.8	<0.050	<0.050	<0.050	<0.300
H18585-8 CELL 6B SP1 @ 3'	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
Quality Control	427	558	0.051	0.056	0.056	0.163
True Value QC	500	500	0.050	0.050	0.050	0.150
% Recovery	85.4	112	102	112	112	109
Relative Percent Difference	12.5	16.6	6.6	8.2	6.1	7.7

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Not accredited for TPH GRO/DRO. Reported on wet weight.  
\*TPH second surrogate out of historical limits due to matrix interference.

  
Lab Director

10/29/09  
Date

H18585 BTEX8015 BBC

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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**

Company Name: BBC International, Inc.				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>							
Project Manager: Cliff Brunson				P.O. #:											
Address: P.O. Box 605				Company:											
City: Hobbs		State: NM Zip: 88241		Attn:											
Phone #: 575-397-6368		Fax #: 575-397-0397		Address: <b>JAME</b>											
Project #:		Project Owner:		City:											
Project Name: <b>Artesia Aeration LLC</b>				State:				Zip:							
Project Location: <b>Maljamar run</b>				Phone #:											
Sampler Name: <b>Rosita Hernandez</b>				Fax #:											
FOR LAB USE ONLY															
Lab I.D.	Sample I.D.	GRAB OR (COMP. # CONTAINERS	MATRIX					PRESERV.		SAMPLING		DATE	TIME	TPH	BTEX
			GROUNDWATER	WASTEWATER	SOIL	OIL	SILUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:				
H182851	CELL 1 SP103	1										10-23-09	9:35		
-2	CELL 2 SP103	1										10-23-09	9:50		
-3	CELL 3 SP102	1										10-23-09	10:00		
-4	CELL 4 SP103	1										10-23-09	10:15		
-5	CELL 5 SP103	1										10-23-09	10:30		
-6	CELL 5b SP103	1										10-23-09	10:39		
-7	CELL 6 SP103	1										10-23-09	10:50		
-8	CELL 6b SP103	1										10-23-09	11:00		
<small>PLEASE NOTE: Cardinal and Tanager. Cardinal's liability and client's custody remedy in any claim arising whether 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 90 days after completion of the analytical 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 analytical services by Cardinal, regardless of whether such claim is based upon any of the above stated causes of action.</small>															
Relinquished By:				Date: 10-27-09				Received By:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:			
				Time: 2:13p								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				[Initials]							
				Yes Yes											
				No No											

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

10/29/2009 16:04  
5753932476

RECEIVED 10/29/2009 04:18

5053970397  
CARDINAL LABS

BBC INTERNATIONAL

PAGE 01/03

**ARDINAL  
LABORATORIES**

PHONE (575) 398-2326 • 101 E. MARLAND • HOBBS, NM 88240

October 29, 2009

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

Re: Artesia Aeration LLC

Enclosed are the results of analyses for sample number H18585, received by the laboratory on 10/27/09 at 2:13 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

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

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

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.2	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene  
Laboratory Director

---

**This report conforms with NELAP requirements.**



PHONE (575) 383-2326 • 101 E. MARLAND • HOBBS, NM 88240

July 10, 2009

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

Re: Artesia Aeration

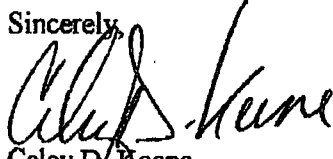
Enclosed are the results of analyses for sample number H17715, received by the laboratory on 06/29/09 at 4:03 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

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

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

Total Number of Pages of Report: 8 (includes Chain of Custody)

Sincerely,  
  
Celey D. Keene  
Laboratory Director

2009 AUG 11 P 3: 24  
RECEIVED OGD

This report conforms with NELAP requirements.



**ARDINAL LABORATORIES**  
 101 East Marland, Hobbs, NM 88240  
 (506) 393-2328 FAX (506) 393-2478

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

10/2

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST											
Project Manager: Cliff Brunson				P.O. #:															
Address: P.O. Box 805				Company:															
City: Hobbs		State: NM Zip: 88241		Attn:															
Phone #: 575-397-6388		Fax #: 575-397-0397		Address: SAME															
Project #: Project Owner:				City:															
Project Name: ARTESIA Aeration LLC				State: Zip:															
Project Location: Majanua				Phone #:															
Sampler Name: Roy Hernandez				Fax #:															
Lab I.D.	Sample I.D.	GRAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.			SAMPLING		TPH	BTEX	Major Cst. IONS	INQC. METALS	CL	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE/COOL	OTHER:	DATE						TIME
H17715-1	CELL 5 SPI @ 6"	C	1			✓				✓			6/29/09	10:00	✓				
-2	CELL 5 SPI @ 3'	C	1			✓				✓			6/29/09	10:15	✓	✓	✓	✓	
-3	CELL 5b SPI @ 6"	C	1			✓				✓			6/29/09	10:30	✓				
-4	CELL 5b SPI @ 3'	C	1			✓				✓			6/29/09	10:38	✓	✓	✓	✓	
-5	CELL 6 SPI @ 6"	C	1			✓				✓			6/29/09	10:50	✓				
-6	CELL 6 SPI @ 3'	C	1			✓				✓			6/29/09	11:00	✓	✓	✓	✓	
-7	CELL 4 SPI @ 6"	C	1			✓				✓			6/29/09	11:05	✓				
-8	CELL 4 SPI @ 3'	C	1			✓				✓			6/29/09	11:15	✓	✓	✓	✓	
-9	CELL 3 SPI @ 6"	C	1			✓				✓			6/29/09	11:20	✓				
-10	CELL 3 SPI @ 3'	C	1			✓				✓			6/29/09	11:45	✓	✓	✓	✓	

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Relinquished By: <i>[Signature]</i>	Date: 6/29/09	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 4:03		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	(Initials)
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<i>[Signature]</i>

† Cardinal cannot accept verbal changes. Please fax written changes to 506-393-2476

\* cooling process had begun  
 samples on ice

BBC INTERNATIONAL 5053970397 07/10/2009 04:04 07/10/2009 16:52  
 CARDINAL LABS 5753932476



**CARDINAL LABORATORIES**  
 101 East Marland, Hobbs, NM 88240  
 (505) 393-2326 FAX (505) 393-2476

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

282

Company Name: BBC International, Inc.		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>									
Project Manager: Cliff Brunson		P.O. #:											
Address: P.O. Box 805		Company:											
City: Hobbs State: NM Zip: 88241		Attn:											
Phone #: 575-397-6388 Fax #: 575-397-0397		Address: <b>SAME</b>											
Project #: Project Owner:		City:											
Project Name: <i>Artisan Association</i>		State: Zip:											
Project Location: <i>Maljainan NM</i>		Phone #:											
Sampler Name: <i>Roger Hernandez</i>		Fax #:											
FOR LAB USE ONLY		MATRIX		PRESERV.	SAMPLING								
Lab I.D.	Sample I.D.	(GRAB OR COMP.)	# CONTAINERS	ACID/BASE	ICE / COOL	OTHER	DATE	TIME	TPH	BTEX	Major Cat. IONS	WQC METALS	CL-
H177511	Cell 1 @ 6"	G	1	✓	✓		6/29/09	11:59	✓				
-12	Cell 2 @ 3'	G	1	✓	✓		6/29/09	12:09	✓	✓	✓	✓	✓
-13	Cell 1 @ 6"	G	1	✓	✓		6/29/09	12:20	✓				✓
-14	Cell 1 @ 3'	G	1	✓	✓		6/29/09	12:30	✓	✓	✓	✓	✓

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Relinquished By: <i>[Signature]</i>	Date: <i>6/29/09</i>	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
	Time: <i>4:03</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	(Initials)	
	<i>11°C #26</i> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	<i>MCB</i>	

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

*\* cooling process had begun  
 samples in ice*



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

Receiving Date: 06/29/09  
Reporting Date: 07/02/09  
Project Owner: NOT GIVEN  
Project Name: ARTESIA AERATION LLC  
Project Location: MALJAMAR, NM

Sampling Date: 06/29/09  
Sample Type: SOIL  
Sample Condition: INTACT @ 11°C  
Sample Received By: ML  
Analyzed By: AB

LAB NO.	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	Cl* (mg/kg)
---------	-----------	--	--	----------------

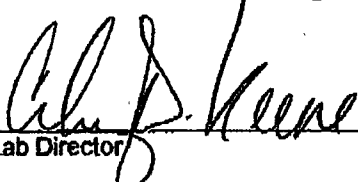
ANALYSIS DATE:	06/30/09	08/30/09	07/02/09
H17715-1 CELL 5 SP1 @ 6"	<10.0	<10.0	240
H17715-2 CELL 5 SP1 @ 3'	<10.0	<10.0	144
H17715-3 CELL 5B SP1 @ 6"	<10.0	553	416
H17715-4 CELL 5B SP1 @ 3'	<10.0	<10.0	192
H17715-5 CELL 6 SP1 @ 6"	<10.0	285	224
H17715-6 CELL 6 SP1 @ 3'	<10.0	<10.0	48
H17715-7 CELL 4 SP1 @ 6"	<10.0	44.0	112
H17715-8 CELL 4 SP1 @ 3'	<10.0	<10.0	48
H17715-9 CELL 3 SP1 @ 6"	<10.0	<10.0	160
H17715-10 CELL 3 SP1 @ 3'	<10.0	46.6	178
H17715-11 CELL 2 SP1 @ 6"	<10.0	<10.0	<16
H17715-12 CELL 2 SP1 @ 3'	<10.0	<10.0	<16
H17715-13 CELL 1 SP1 @ 6"	<10.0	1,960	208
H17715-14 CELL 1 SP1 @ 3'	<10.0	<10.0	32
Quality Control	558	570	500
True Value QC	500	500	500
% Recovery	112	114	100
Relative Percent Difference	3.1	3.0	<0.1

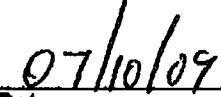
METHODS: TPH GRO & DRO - EPA SW-846 8015 M; Cl-: Std. Methods 4500-Cl-B

\*Analyses performed on 1:4 w:v aqueous extracts. Reported on wet weight.

Second surrogate outside historical limits for H17715-7,8,9,10,11,12 due to matrix interference.

Not accredited through NELAP for GRO/DRO and Chloride.

  
Lab Director

  
Date

H17715 TCL BBC

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

Receiving Date: 06/29/09  
Reporting Date: 07/01/09  
Project Number: NOT GIVEN  
Project Name: ARTESIA AERATION LLC  
Project Location: MALJAMAR, NM

Sampling Date: 06/29/09  
Sample Type: SOIL  
Sample Condition: INTACT @ 11°C  
Sample Received By: ML  
Analyzed By: ZL

LAB NO.	SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
<b>ANALYSIS DATE:</b>					
		06/30/09	06/30/09	06/30/09	06/30/09
H17715-2	CELL 5 SP1 @ 3'	<0.050	<0.050	<0.050	<0.300
H17715-4	CELL 5B SP1 @ 3'	<0.050	<0.050	<0.050	<0.300
H17715-6	CELL 6 SP1 @ 3'	<0.050	<0.050	<0.050	<0.300
H17715-8	CELL 4 SP1 @ 3'	<0.050	<0.050	<0.050	<0.300
H17715-10	CELL 3 SP1 @ 3'	<0.050	<0.050	<0.050	<0.300
H17715-12	CELL 2 SP1 @ 3'	<0.050	<0.050	<0.050	<0.300
H17715-14	CELL 1 SP1 @ 3'	<0.050	<0.050	<0.050	<0.300
Quality Control		0.058	0.057	0.059	0.172
True Value QC		0.050	0.050	0.050	0.150
% Recovery		116	114	118	115
Relative Percent Difference		1.8	<1.0	1.7	<1.0

METHODS: BTEX - SW-846 8021B.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,  
AND TOTAL XYLENES. Reported on wet weight.

Lab Director

Date

H17715 B BBC

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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-listed 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.



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

Receiving Date: 06/29/09  
Reporting Date: 07/10/09  
Project Owner: NOT GIVEN  
Project Name: ARTESIA AERATION, LLC.  
Project Location: MALJAMAR, NM

Sampling Date: 06/29/09  
Sample Type: SOIL  
Sample Condition: INTACT @ 11°C  
Sample Received By: ML  
Analyzed By: JM

TOTAL RCRA METALS

LAB NO. SAMPLE ID As (mg/kg) Ag (mg/kg) Ba (mg/kg) Cd (mg/kg) Cr (mg/kg) Pb (mg/kg) Hg (mg/kg) Se (mg/kg)

ANALYSIS DATE:	07/08/09	07/08/09	07/08/09	07/08/09	07/08/09	07/08/09	07/02/09	07/08/09
H17715-2 CELL 5 SP1 @ 3'	<10.0	<1.00	12.0	<1.00	3.2	<5.00	<0.100	<20.0
H17715-4 CELL 5B SP1 @ 3'	<10.0	<1.00	17.5	<1.00	3.8	<5.00	<0.100	<20.0
H17715-6 CELL 6 SP1 @ 3'	<10.0	<1.00	18.3	<1.00	4.2	<5.00	<0.100	<20.0
H17715-8 CELL 4 SP1 @ 3'	<10.0	<1.00	84.3	<1.00	9.0	5.00	<0.100	<20.0
H17715-10 CELL 3 SP1 @ 3'	13.9	<1.00	436.6	<1.00	12.5	<5.00	<0.100	<20.0
H17715-12 CELL 2 @ 3'	<10.0	<1.00	45.8	<1.00	6.9	<5.00	<0.100	<20.0
H17715-14 CELL 1 @ 3'	<10.0	<1.00	45.1	<1.00	7.5	<5.00	<0.100	<20.0
Quality Control	5.09	0.52	2.46	2.49	2.59	5.15	0.0020	10.3
True Value QC	5.00	0.50	2.50	2.50	2.50	5.00	0.0020	10.0
% Recovery	102	104	98.4	100	104	103	100	103
Relative Standard Deviation	2.4	<0.1	1.0	1.0	1.9	<0.1	<0.1	4.5

METHODS: EPA 600/4-91/010, 3050	200.7	200.7	200.7	200.7	200.7	200.7	7471	200.7
---------------------------------	-------	-------	-------	-------	-------	-------	------	-------

Analyses subcontracted to Green Analytical Laboratories, a subsidiary of Cardinal Laboratories.

*Cliff Keene*  
Chemist

07/10/09  
Date

H17715M BBC

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

Receiving Date: 06/29/09  
 Reporting Date: 07/10/09  
 Project Owner: NOT GIVEN  
 Project Name: ARTESIA AERATION, LLC.  
 Project Location: MALJAMAR, NM

Sampling Date: 06/29/09  
 Sample Type: SOIL  
 Sample Condition: INTACT @ 11°C  
 Sample Received By: ML  
 Analyzed By: JM

TOTAL RCRA METALS

LAB NO. SAMPLE ID Ca (mg/kg) Mg (mg/kg) K (mg/kg) Na (mg/kg) Cu (mg/kg) Fe (mg/kg) Mn (mg/kg) Zn (mg/kg)

ANALYSIS DATE:	07/08/09	07/08/09	07/08/09	07/08/09	07/08/09	07/08/09	07/08/09	07/08/09
H17715-2 CELL 5 SP1 @ 3'	732	374	556	134	7.8	3,492.6	37.5	15.3
H17715-4 CELL 5B SP1 @ 3'	580	526	727	88.0	11.9	4,567.3	40.5	14.3
H17715-6 CELL 6 SP1 @ 3'	681	687	977	133	8.6	5,268.9	37.1	15.4
H17715-8 CELL 4 SP1 @ 3'	31,700	3,120	1,830	167	10.2	6,509.3	139.6	28.0
H17715-10 CELL 3 SP1 @ 3'	87,200	14,700	1,730	706	18.9	9,273.7	125.2	69.7
H17715-12 CELL 2 @ 3'	6,310	1,600	1,800	125	6.9	7,427.0	62.5	22.5
H17715-14 CELL 1 @ 3'	4,100	1,710	1,830	227	5.5	8,244.9	63.4	23.7
Quality Control	5.01	5.04	9.98	8.40	4.92	4.94	2.66	2.44
True Value QC	5.00	5.00	10.00	8.10	5.00	5.00	2.50	2.50
% Recovery	100	101	99.8	104	98.4	98.8	106	97.6
Relative Standard Deviation	5.8	6.9	10.6	5.3	0.5	2.0	0.9	1.0

METHODS: EPA 600/4-91/010, 3050 200.7 200.7 200.7 200.7 200.7 200.7 200.7 200.7

Analyses subcontracted to Green Analytical Laboratories, a subsidiary of Cardinal Laboratories.

*Cliff Brunson*  
 Chemist

07/10/09  
 Date

H17715M BBC

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# ARDINAL LABORATORIES

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---

July 10, 2009

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

Re: Artesia Aeration

Enclosed are the results of analyses for sample number H17714, received by the laboratory on 06/29/09 at 4:02 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

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

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

Total Number of Pages of Report: 7 (includes Chain of Custody)

Sincerely,

Celey D. Keene  
Laboratory Director

---

This report conforms with NELAP requirements.



**CARDINAL LABORATORIES**  
 101 East Marland, Hobbs, NM 88240  
 (505) 393-2326 FAX (505) 393-2476

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: BBC International, Inc.		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>											
Project Manager: Cliff Brunson		P.O. #:													
Address: P.O. Box 805		Company:													
City: Hobbs State: NM Zip: 88241		Attn:													
Phone #: 575-397-6368 Fax #: 575-397-0397		Address: <i>SAME</i>													
Project #: Project Owner:		City:													
Project Name: <i>Actisia Apparition</i>		State: Zip:													
Project Location: <i>Albuquerque NM</i>		Phone #:													
Sampler Name: <i>Roger Hernandez</i>		Fax #:													

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX					PRESERV.			SAMPLING		TPH	BTEX	Major Cal. ions	WQC METALS	CL-	
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE						TIME
H17714-1	Approx center BQ	G 1																

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Relinquished By: <i>Roger Hernandez</i>	Date: <i>6/29/09</i>	Received By: <i>Nasty Lu But</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)	Sampler - UPS - Bus - Other:	Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <i>NCAB</i>	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476 #26

\* cooling process had begun  
 Samples on ice

BBC INTERNATIONAL 5053970397 CARDINAL LABS 07/10/2009 04:04 5753932476 07/10/2009 16:52





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

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

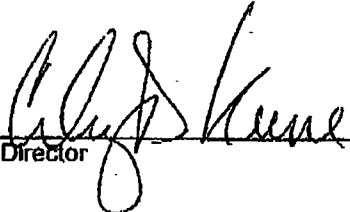
Receiving Date: 06/29/09  
Reporting Date: 07/01/09  
Project Owner: NOT GIVEN  
Project Name: ARTESIA AERATION  
Project Location: MALJAMAR, NM

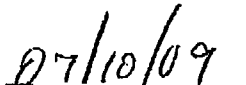
Sampling Date: 06/29/09  
Sample Type: SOIL  
Sample Condition: INTACT @ 11°C  
Sample Received By: ML  
Analyzed By: AB/HM

LAB NO.	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	Cl* (mg/kg)
---------	-----------	--	--	----------------

ANALYSIS DATE:	06/30/09	06/30/09	06/30/09
H17714-1 APPROX CENTER BG	<10.0	<10.0	64
Quality Control	558	570	500
True Value QC	500	500	500
% Recovery	112	114	100
Relative Percent Difference	3.1	3.0	<0.1

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; Cl- Std. Methods 4500-Cl-B  
\*Analyses performed on 1:4 w:v aqueous extracts. Reported on wet weight.  
Not NELAP accredited for GRO/DRO and Chloride.

  
\_\_\_\_\_  
Lab Director

  
\_\_\_\_\_  
Date

H17714 TCL BBC

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

Receiving Date: 06/29/09  
Reporting Date: 07/10/09  
Project Owner: NOT GIVEN  
Project Name: ARTESIA AERATION, LLC.  
Project Location: MALJAMAR, NM

Sampling Date: 06/29/09  
Sample Type: SOIL  
Sample Condition: INTACT @ 11°C  
Sample Received By: ML  
Analyzed By: JM

TOTAL RCRA METALS

LAB NO. SAMPLE ID

U  
(mg/kg)

ANALYSIS DATE:	07/08/09
H17714-1 APPROX. CENTER BG	0.053
Quality Control	0.045
True Value QC	0.050
% Recovery	92.0
Relative Standard Deviation	2.6

METHODS: EPA 600/4-91/010, 3050 200.8

Analyses subcontracted to Green Analytical Laboratories, a subsidiary of Cardinal Laboratories.

  
Chemist

07/10/09  
Date

H17714M BBC

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

Receiving Date: 06/29/09  
 Reporting Date: 07/10/09  
 Project Owner: NOT GIVEN  
 Project Name: ARTESIA AERATION, LLC.  
 Project Location: MALJAMAR, NM

Sampling Date: 06/29/09  
 Sample Type: SOIL  
 Sample Condition: INTACT @ 11°C  
 Sample Received By: ML  
 Analyzed By: JM

TOTAL RCRA METALS

LAB NO.	SAMPLE ID	U (mg/kg)
ANALYSIS DATE:		07/08/09
H17715-2	CELL 5 SP1 @ 3'	0.090
H17715-4	CELL 6B SP1 @ 3'	0.064
H17715-6	CELL 6 SP1 @ 3'	0.078
H17715-8	CELL 4 SP1 @ 3'	0.162
H17715-10	CELL 3 SP1 @ 3'	0.521
H17715-12	CELL 2 @ 3'	0.085
H17715-14	CELL 1 @ 3'	0.089
Quality Control		0.048
True Value QC		0.050
% Recovery		92.0
Relative Standard Deviation		2.8

METHODS: EPA 600/4-91/010, 3050 200.8

Analyses subcontracted to Green Analytical Laboratories, a subsidiary of Cardinal Laboratories.

Chemist

*Cliff Brunson*

Date

07/10/09

H17715M BBC

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

Receiving Date: 08/29/09  
Reporting Date: 07/10/09  
Project Owner: NOT GIVEN  
Project Name: ARTESIA AERATION, LLC.  
Project Location: MALJAMAR, NM

Sampling Date: 06/29/09  
Sample Type: SOIL  
Sample Condition: INTACT @ 11°C  
Sample Received By: ML  
Analyzed By: JM

## TOTAL RCRA METALS

LAB NO. SAMPLE ID As (mg/kg) Ag (mg/kg) Ba (mg/kg) Cd (mg/kg) Cr (mg/kg) Pb (mg/kg) Hg (mg/kg) Se (mg/kg)

ANALYSIS DATE:	07/08/09	07/08/09	07/08/09	07/08/09	07/08/09	07/08/09	07/02/09	07/08/09
H17715-2 CELL 5 SP1 @ 3'	<10.0	<1.00	12.0	<1.00	3.2	<5.00	<0.100	<20.0
H17715-4 CELL 5B SP1 @ 3'	<10.0	<1.00	17.5	<1.00	3.8	<5.00	<0.100	<20.0
H17715-6 CELL 6 SP1 @ 3'	<10.0	<1.00	18.3	<1.00	4.2	<5.00	<0.100	<20.0
H17715-8 CELL 4 SP1 @ 3'	<10.0	<1.00	84.3	<1.00	9.0	5.00	<0.100	<20.0
H17715-10 CELL 3 SP1 @ 3'	13.9	<1.00	436.6	<1.00	12.5	<5.00	<0.100	<20.0
H17715-12 CELL 2 @ 3'	<10.0	<1.00	45.8	<1.00	6.9	<5.00	<0.100	<20.0
H17715-14 CELL 1 @ 3'	<10.0	<1.00	45.1	<1.00	7.5	<5.00	<0.100	<20.0
Quality Control	5.09	0.52	2.46	2.49	2.59	5.15	0.0020	10.3
True Value QC	5.00	0.50	2.50	2.50	2.50	5.00	0.0020	10.0
% Recovery	102	104	98.4	100	104	103	100	103
Relative Standard Deviation	2.4	<0.1	1.0	1.0	1.9	<0.1	<0.1	4.5

METHODS: EPA 600/4-91/010, 3050 200.7 200.7 200.7 200.7 200.7 200.7 7471 200.7

Analyses subcontracted to Green Analytical Laboratories, a subsidiary of Cardinal Laboratories.

*Cliff Keene*  
Chemist

*07/10/09*  
Date

H17715M BBC

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

Receiving Date: 06/29/09  
Reporting Date: 07/10/09  
Project Owner: NOT GIVEN  
Project Name: ARTESIA AERATION, LLC.  
Project Location: MALJAMAR, NM

Sampling Date: 06/29/09  
Sample Type: SOIL  
Sample Condition: INTACT @ 11°C  
Sample Received By: ML  
Analyzed By: JM

TOTAL RCRA METALS

LAB NO. SAMPLE ID Ca (mg/kg) Mg (mg/kg) K (mg/kg) Na (mg/kg) Cu (mg/kg) Fe (mg/kg) Mn (mg/kg) Zn (mg/kg)

ANALYSIS DATE:	07/08/09	07/08/09	07/08/09	07/08/09	07/08/09	07/08/09	07/08/09	07/08/09
H17715-2 CELL 5 SP1 @ 3'	732	374	566	134	7.8	3,492.6	37.5	15.3
H17715-4 CELL 5B SP1 @ 3'	580	526	727	88.0	11.9	4,567.3	40.5	14.3
H17715-6 CELL 6 SP1 @ 3'	681	667	977	133	6.8	5,268.9	37.1	15.4
H17715-8 CELL 4 SP1 @ 3'	31,700	3,120	1,830	167	10.2	8,509.3	139.6	28.0
H17715-10 CELL 3 SP1 @ 3'	67,200	14,700	1,730	706	18.9	9,273.7	125.2	69.7
H17715-12 CELL 2 @ 3'	6,310	1,600	1,800	125	6.9	7,427.0	62.5	22.5
H17715-14 CELL 1 @ 3'	4,100	1,710	1,830	227	5.5	8,244.9	63.4	23.7
Quality Control	5.01	5.04	9.98	8.40	4.92	4.94	2.66	2.44
True Value QC	5.00	5.00	10.00	8.10	5.00	5.00	2.50	2.50
% Recovery	100	101	99.8	104	98.4	98.8	106	97.6
Relative Standard Deviation	5.8	6.9	10.6	5.3	0.6	2.0	0.9	1.0

METHODS: EPA 600/4-91/010, 3050 | 200.7 | 200.7 | 200.7 | 200.7 | 200.7 | 200.7 | 200.7 | 200.7

Analyses subcontracted to Green Analytical Laboratories, a subsidiary of Cardinal Laboratories.

*Cliff Brunson*  
Chemist

07/10/09  
Date

H17715M BBC

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

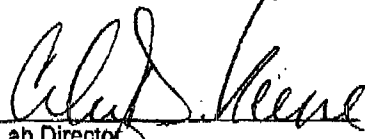
Receiving Date: 06/29/09  
Reporting Date: 07/01/09  
Project Number: NOT GIVEN  
Project Name: ARTESIA AERATION LLC  
Project Location: MALJAMAR, NM


Sampling Date: 06/29/09  
Sample Type: SOIL  
Sample Condition: INTACT @ 11°C  
Sample Received By: ML  
Analyzed By: ZL

LAB NO.	SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE:		06/30/09	06/30/09	06/30/09	06/30/09
H17715-2	CELL 5 SP1 @ 3'	<0.050	<0.050	<0.050	<0.300
H17715-4	CELL 5B SP1 @ 3'	<0.050	<0.050	<0.050	<0.300
H17715-6	CELL 6 SP1 @ 3'	<0.050	<0.050	<0.050	<0.300
H17715-8	CELL 4 SP1 @ 3'	<0.050	<0.050	<0.050	<0.300
H17715-10	CELL 3 SP1 @ 3'	<0.050	<0.050	<0.050	<0.300
H17715-12	CELL 2 SP1 @ 3'	<0.050	<0.050	<0.050	<0.300
H17715-14	CELL 1 SP1 @ 3'	<0.050	<0.050	<0.050	<0.300
Quality Control		0.058	0.057	0.059	0.172
True Value QC		0.050	0.050	0.050	0.150
% Recovery		116	114	118	115
Relative Percent Difference		1.8	<1.0	1.7	<1.0

METHODS: BTEX - SW-846 8021B.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,  
AND TOTAL XYLENES. Reported on wet weight.

  
Lab Director

  
Date

H17715 B BBC

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07/10/2009 16:52 5753932476

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

Receiving Date: 06/29/09  
Reporting Date: 07/02/09  
Project Owner: NOT GIVEN  
Project Name: ARTESIA AERATION LLC  
Project Location: MALJAMAR, NM

Sampling Date: 06/29/09  
Sample Type: SOIL  
Sample Condition: INTACT @ 11°C  
Sample Received By: ML  
Analyzed By: AB

LAB NO.	SAMPLE ID	GRO	DRO	Cl*
		(C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	(>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	
	ANALYSIS DATE:	06/30/09	06/30/09	07/02/09
H17715-1	CELL 5 SP1 @ 6"	<10.0	<10.0	240
H17715-2	CELL 5 SP1 @ 3'	<10.0	<10.0	144
H17715-3	CELL 5B SP1 @ 6"	<10.0	553	416
H17715-4	CELL 5B SP1 @ 3'	<10.0	<10.0	192
H17715-5	CELL 6 SP1 @ 6"	<10.0	285	224
H17715-6	CELL 6 SP1 @ 3'	<10.0	<10.0	48
H17715-7	CELL 4 SP1 @ 6"	<10.0	44.0	112
H17715-8	CELL 4 SP1 @ 3'	<10.0	<10.0	48
H17715-9	CELL 3 SP1 @ 6"	<10.0	<10.0	160
H17715-10	CELL 3 SP1 @ 3'	<10.0	46.6	178
H17715-11	CELL 2 SP1 @ 6"	<10.0	<10.0	<16
H17715-12	CELL 2 SP1 @ 3'	<10.0	<10.0	<16
H17715-13	CELL 1 SP1 @ 6"	<10.0	1,960	208
H17715-14	CELL 1 SP1 @ 3'	<10.0	<10.0	32
Quality Control		558	570	500
True Value QC		500	500	500
% Recovery		112	114	100
Relative Percent Difference		3.1	3.0	<0.1

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; Cl-: Std. Methods 4500-Cl-B

\*Analyses performed on 1:4 w:v aqueous extracts. Reported on wet weight.

Second surrogate outside historical limits for H17715-7,8,9,10,11,12 due to matrix interference.

Not accredited through NELAP for GRO/DRO and Chloride.

  
Lab Director

  
Date

H17715 TCL BBC

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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated means 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.



RECEIVED 07/10/2009 04:04  
07/10/2009 16:52 57539324765053970397  
CARDINAL LABSBBC INTERNATIONAL  
PAGE 01/15**ARDINAL  
LABORATORIES**

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

July 10, 2009

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

Re: Artesia Aeration

Enclosed are the results of analyses for sample number H17714, received by the laboratory on 06/29/09 at 4:02 pm.

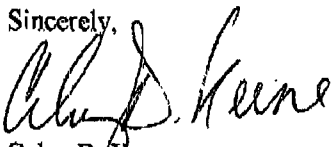
Cardinal Laboratories is accredited through Texas NELAP for:

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

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

Total Number of Pages of Report: 7 (includes Chain of Custody)

Sincerely,

  
Celey D. Keene  
Laboratory Director

---

This report conforms with NELAP requirements.







**ARDINAL  
LABORATORIES**

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

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

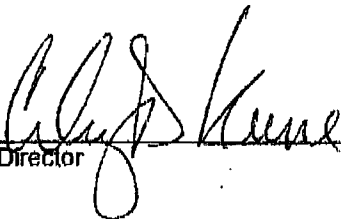
Receiving Date: 06/29/09  
Reporting Date: 07/01/09  
Project Owner: NOT GIVEN  
Project Name: ARTESIA AERATION  
Project Location: MALJAMAR, NM

Sampling Date: 06/29/09  
Sample Type: SOIL  
Sample Condition: INTACT @ 11°C  
Sample Received By: ML  
Analyzed By: AB/HM

LAB NO.	SAMPLE ID	GRO (C <sub>8</sub> -C <sub>10</sub> ) (mg/kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	Cl <sup>-</sup> (mg/kg)
---------	-----------	--	--	----------------------------

ANALYSIS DATE:	06/30/09	06/30/09	06/30/09
H17714-1 APPROX CENTER BG	<10.0	<10.0	64
Quality Control	558	570	500
True Value QC	500	500	500
% Recovery	112	114	100
Relative Percent Difference	3.1	3.0	<0.1

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; Cl<sup>-</sup>: Std. Methods 4500-Cl-B  
\*Analyses performed on 1:4 w:v aqueous extracts. Reported on wet weight.  
Not NELAP accredited for GRO/DRO and Chloride.

  
\_\_\_\_\_  
Lab Director

07/10/09  
Date





ATTN: BRAD JONES

8-10-09

From ARTESIA AREA TOWN

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5053970397

BBC INTERNATIONAL

07/10/2009 16:52

5753932476

CARDINAL LABS

PAGE 05/15



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

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

Receiving Date: 08/29/09
Reporting Date: 07/10/09
Project Owner: NOT GIVEN
Project Name: ARTESIA AERATION, LLC.
Project Location: MALJAMAR, NM

Sampling Date: 08/29/09
Sample Type: SOIL
Sample Condition: INTACT @ 11°C
Sample Received By: ML
Analyzed By: JM

TOTAL RCRA METALS

Table with columns: LAB NO., SAMPLE ID, Ca (mg/kg), Mg (mg/kg), K (mg/kg), Na (mg/kg), Cu (mg/kg), Fe (mg/kg), Mn (mg/kg), Zn (mg/kg). Includes analysis data for H17714-1 and quality control metrics.

METHODS: EPA 800/4-91/010, 3050 200.7 200.7 200.7 200.7 200.7 200.7 200.7 200.7

Analyses subcontracted to Green Analytical Laboratories, a subsidiary of Cardinal Laboratories.

Handwritten signature of Cliff Brunson, Chemist

Handwritten date: 07/10/09

H17714M BBC

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.

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BBC INTERNATIONAL

07/10/2009 16:52

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CARDINAL LABS

PAGE 06/15



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

Receiving Date: 06/29/09  
Reporting Date: 07/10/09  
Project Owner: NOT GIVEN  
Project Name: ARTESIA AERATION, LLC.  
Project Location: MALJAMAR, NM

Sampling Date: 06/29/09  
Sample Type: SOIL  
Sample Condition: INTACT @ 11°C  
Sample Received By: ML  
Analyzed By: JM

TOTAL RCRA METALS

LAB NO. SAMPLE ID

U  
(mg/kg)

ANALYSIS DATE:	07/08/09
H17714-1 APPROX. CENTER BG	0.053
Quality Control	0.046
True Value QC	0.050
% Recovery	92.0
Relative Standard Deviation	2.6

METHODS: EPA 600/4-91/010, 3050 200.8

Analyses subcontracted to Green Analytical Laboratories, a subsidiary of Cardinal Laboratories.

*Cliff Brunson*  
\_\_\_\_\_  
Chemist

*07/10/09*  
\_\_\_\_\_  
Date

H17714M BBC

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 services rendered 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.



07/10/2009 16:52  
5753932476RECEIVED 07/10/2009 04:04  
5053970397  
CARDINAL LABSBBC INTERNATIONAL  
PAGE 08/15**ARDINAL  
LABORATORIES**

PHONE (575) 383-2326 • 101 E. MARLAND • HOBBS, NM 88240

July 10, 2009

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

Re: Artesia Aeration

Enclosed are the results of analyses for sample number H17715, received by the laboratory on 06/29/09 at 4:03 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

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

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

Total Number of Pages of Report: 8 (includes Chain of Custody)

Sincerely,

Celey D. Beene  
Laboratory Director

---

This report conforms with NELAP requirements.



# CARDINAL LABORATORIES

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

10/2

Company Name: BBC International, Inc.				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																				
Project Manager: Cliff Brunson				P.O. #:																								
Address: P.O. Box 805				Company:																								
City: Hobbs		State: NM		Zip: 88241		Attn:																						
Phone #: 575-397-6388		Fax #: 575-397-0397		Address: SAME																								
Project #:		Project Owner:		City:																								
Project Name: <u>ARTESIA AERATION LLC</u>				State:				Zip:																				
Project Location: <u>Majamaan um</u>				Phone #:																								
Sampler Name: <u>Roger Hernandez</u>				Fax #:																								
FOR LAB USE ONLY						MATRIX			PRESERV			SAMPLING																
Lab I.D.	Sample I.D.	(GRAB OR COMP)	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER:	DATE	TIME	TPH	BTEX	Major C-t. IONS	INQC	METALS	CL								
H17715-1	CELL 5 SPI @ 6"	C	1			✓				✓			6/29/09	10:00	✓													
-2	CELL 5 SPI @ 3'	C	1			✓				✓			6/29/09	10:15	✓	✓	✓	✓	✓	✓								
-3	CELL 5b SPI @ 6"	C	1			✓				✓			6/29/09	10:30	✓													
-4	CELL 5b SPI @ 3'	C	1			✓				✓			6/29/09	10:38	✓	✓	✓	✓	✓	✓								
-5	CELL 6 SPI @ 6"	C	1			✓				✓			6/29/09	10:50	✓													
-6	CELL 6 SPI @ 3'	C	1			✓				✓			6/29/09	11:00	✓	✓	✓	✓	✓	✓								
-7	CELL 4 SPI @ 6"	C	1			✓				✓			6/29/09	11:05	✓													
-8	CELL 4 SPI @ 3'	C	1			✓				✓			6/29/09	11:15	✓	✓	✓	✓	✓	✓								
-9	CELL 3 SPI @ 6"	C	1			✓				✓			6/29/09	11:20	✓													
-10	CELL 3 SPI @ 3'	C	1			✓				✓			6/29/09	11:45	✓	✓	✓	✓	✓	✓								

PLEASE NOTE: Liability and Damages. Cardinal Laboratories and clients expressly agree, whether based in contract or tort, that they are limited to the amount paid by the client for the 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 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, 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.

Relinquished By: <u>[Signature]</u>	Date: <u>6/29/09</u>	Received By: <u>[Signature]</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Time: <u>4:03</u>			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: (Initials)		
Sampler - UPS - Bus - Other:	Cool <input type="checkbox"/> Yes <input type="checkbox"/> No	Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>[Signature]</u>	

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

\* cooling process had begun  
Samples on ice



NM-1-30

# Fax

To: Brad Jones NMDCD From: Jim Wilson Artesia Aviation

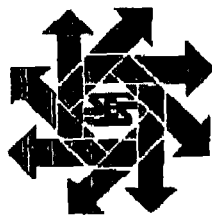
Fax: 505-476-3462 Pages:

Phone: Date:

Re: CC:

Urgent  For Review  Please Comment  Please Reply  Please Recycle

Land Fillium test results for 4th Quarter



P.O. Box 1113  
 703 E. Clinton Suite 102  
 Hobbs, New Mexico RR240  
 505/397-0510  
 Fax 505/393-4388  
 www.sesi-nm.com

## Safety & Environmental Solutions, Inc.

To:

Jim Wilson  
 Artesia Aeration  
 P.O. Box 310  
 Hobbs, NM 88241

Dear Mr. Wilson,

On December 29, 2008 SESI was on location to sample Cell #1 to #6. Each cell was hand auger into the treatment zone except for Cell #5. Samples were obtained in the middle of each cell. The samples were then transported to Argon Laboratories in Hobbs, NM under Chain of Custody and analyzed for TPH (EPA method 418.1) Chlorides (EPA method 300.0) and BTEX. The samples are as follows:

Sample Point	TPH	Chlorides	Benzene	Ethyl Benzene	Toluene	Xylenes
Cell #1 3'	31	28	ND	ND	ND	ND
Cell #2 3'	ND	ND	ND	ND	ND	ND
Cell #3 3'	ND	ND	ND	ND	ND	ND
Cell #4 4"	ND	110	ND	ND	ND	ND
Cell #5 7'	160	2400	ND	ND	ND	ND
Cell #6 3'	ND	31	ND	ND	ND	ND

ND=Non-Detect

Attached is a copy of the final laboratory reports.

Cell #5 was not sampled inside the treatment zone due to hard rocks for hand auger. Will be back onsite to obtain samples again with heavier equipment to get into treatment zone.

On January 09, 2009, SESI was on location to re-sample Cell #5. Sample was then transported to Argon Laboratories in Hobbs, NM under Chain of Custody and analyzed for TPH (EPA method 418.1) Chlorides (EPA method 300.0) and BTEX. The samples are as follows:

Sample Point	TPH	Chlorides	Benzene	Ethyl Benzene	Toluene	Xylenes
Cell #5 6'	ND	860	ND	ND	ND	ND

# argon laboratories

20 January 2009

Bob Allen  
Safety & Environmental Solutions, Inc.  
703 E. Clinton Ave  
Hobbs, NM 88240

RE: Artesia Aeration Project Data

Enclosed are the results for sample(s) received on 01/09/09 15:15 by Argon Laboratories. The sample(s) were analyzed according to instructions in accompanying chain-of-custody. Results are summarized on the following pages.

Please see quality control report for a summary of QC data pertaining to this project.

The sample(s) will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Sample(s) may be archived by prior arrangement.

Thank you for the opportunity to service the needs of your company.

Sincerely,



Hiram Cueto  
Lab Manager



# Argon Laboratories Sample Receipt Checklist

Client Name: Safety & Environmental Solutions, Inc. Date & Time Received: 01/03/09 15:15

Project Name: ARA-07-001 Client Project Number: Artesia Aeration

Received By: R.E. Matrix: Water  Soil  Sludge

Sample Carrier: Client  Laboratory  Fed Ex  UPS  Other

Argon Labs Project Number: D901004

Shipper Container in good condition? N/A  Yes  No  Samples received in proper containers? Yes  No

Samples received intact? Yes  No  Sufficient sample volume for requested tests? Yes  No

Chain of custody present? Yes  No  Samples received within holding time? Yes  No

Chain of Custody signed by all parties? Yes  No  Do samples contain proper preservative? N/A  Yes  No

Chain of Custody matches all sample labels? Yes  No  Do VOA vials contain zero headspace? (None submitted ) Yes  No

ANY "No" RESPONSE MUST BE DETAILED IN THE COMMENTS SECTION BELOW

Date Client Contacted: \_\_\_\_\_ Person Contacted: \_\_\_\_\_

Contacted By: \_\_\_\_\_ Subject: \_\_\_\_\_

Comments:

Action Taken:

ADDITIONAL TEST(S) REQUEST / OTHER

Contacted By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_


Call Received By: \_\_\_\_\_

Comments:





**argon laboratories** 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc.	Project Number: ARA-07-001	
703 E. Clinton Ave	Project Name: Artesia Aeration	Work Order No.:
Hobbs, NM 88240	Project Manager: Bob Allen	D901004

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Cell #5 6'	D901004-01	Soil	01/09/09 11:00	01/09/09 15:15

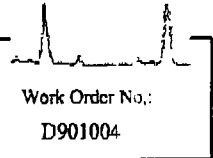
\_\_\_\_\_  
Approved By  
Argon Laboratories, Inc.

\_\_\_\_\_  
QC Officer

**argon laboratories** 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc.  
703 E. Clinton Ave  
Hobbs, NM 88240

Project Number: ARA-07-001  
Project Name: Artesia Aeration  
Project Manager: Bob Allen



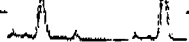
**ANALYSIS REPORT**

Analyte	Result	Reporting			Dilution	Analyzed	Method	Notes
		Limit	Units					
Cell #5 6' (D901004-01) Soil Sampled: 01/09/09 11:30 Received: 01/09/09 15:15								
Chloride	860	50	mg/kg	5	01/15/09	EPA 300.0		

Approved By  
Argon Laboratories, Inc.

QC Officer

**Argon laboratories** 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240	Project Number: ARA-07-001 Project Name: Artesia Acretion Project Manager: Bob Allen	 Work Order No.: D901004
---	--	---


**BTEX EPA Method 8021B**

Analyte	Result	Reporting		Dilution	Analyzed	Method	Notes
		Limit	Units				
Cell #5 6' (D901004-01) Soil Sampled: 01/09/09 11:30 Received: 01/09/09 15:15							
Benzene	ND	0.005	mg/kg	1	01/14/09	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Sum. Rec.:			100 %				

Approved By  
Argon Laboratories, Inc.

QC Officer

**argon laboratories** 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240	Project Number: ARA-07-001 Project Name: Artesia Aeration Project Manager: Bob Allen	 Work Order No.: D901004
---	--	---

**Total Recoverable Petroleum Hydrocarbons with Silica Gel Clean-Up by IR Spectrometry**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
Cell #5 6' (D901004-01) Soil Sampled: 01/09/09 11:30 Received: 01/09/09 15:15							
Total Petroleum Hydrocarbons	ND	20	mg/kg	1	01/14/09	EPA 418.1	

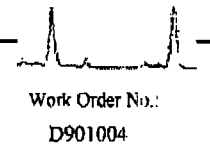
Approved By  
Argon Laboratories, Inc.

QC Officer

**Argon laboratories** 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc.  
703 E. Clinton Ave  
Hobbs, NM 88240

Project Number: ARA-07-001  
Project Name: Artesia Aeration  
Project Manager: Bob Allen



**ANALYSIS REPORT - Quality Control**

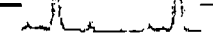
**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RP	Notes
<b>Batch DS00010 - General Prep</b>								
<b>Blank (DS00010-BLK1)</b>								
Chloride	ND	10	mg/kg					Prepared: 01/14/09 Analyzed: 01/15/09
<b>LCS (DS00010-BS1)</b>								
Chloride	10.5		mg/kg	10.0		105		Prepared: 01/14/09 Analyzed: 01/15/09
<b>LCS Dup (DS00010-BSD1)</b>								
Chloride	11.5		mg/kg	10.0		115	9	Prepared: 01/14/09 Analyzed: 01/15/09
<b>Matrix Spike (DS00010-MS1)</b>								
Chloride	11.4		mg/kg	10.0		114		Prepared: 01/14/09 Analyzed: 01/15/09
<b>Matrix Spike Dup (DS00010-MSD1)</b>								
Chloride	11.0		mg/kg	10.0		110	4	Prepared: 01/14/09 Analyzed: 01/15/09

Approved By  
Argon Laboratories, Inc.

QC Officer

**argon laboratories** 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240	Project Number: ARA-07-001 Project Name: Artesia Acrtation Project Manager: Bob Allen	 Work Order No.: D901004
---	---	---

**BTEX EPA Method 8021B - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	R.P.	Notes
<b>Batch DS00009 - EPA 5030B</b>								
<b>Blank (DS00009-BLK1)</b>								
Prepared & Analyzed: 01/14/09								
<i>Surrogate: o,a,a'-trifluorotoluene</i>	0.0780		mg/kg	0.0500		96		
Benzene	ND	0.005	"					
Toluene	ND	0.005	"					
Ethylbenzene	ND	0.005	"					
Xylenes (total)	ND	0.010	"					
<b>LCS (DS00009-BS1)</b>								
Prepared & Analyzed: 01/14/09								
Benzene	0.051		mg/kg	0.0500		102		
<b>LCS Dup (DS00009-BSD1)</b>								
Prepared & Analyzed: 01/14/09								
Benzene	0.049		mg/kg	0.0500		98		
<b>Matrix Spike (DS00009-MS1)</b>								
Prepared & Analyzed: 01/14/09								
Toluene	0.055		mg/kg	0.0500		110		
<b>Matrix Spike Dup (DS00009-MSD1)</b>								
Prepared & Analyzed: 01/14/09								
Toluene	0.056		mg/kg	0.0500		112		

Approved By  
Argon Laboratories, Inc.

QC Officer

**argon laboratories** 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc.

703 E. Clinton Ave  
Hobbs, NM 88240

Project Number: ARA-07-001  
Project Name: Artesia Aeration  
Project Manager: Bob Allen

Work Order No.:  
D901004



**Total Recoverable Petroleum Hydrocarbons with Silica Gel Clean-Up by IR Spectrometry - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPI	Notes
<b>Batch DS00011 - EPA 3550D</b>								
<b>Blank (DS00011-BLK1)</b>								
Prepared & Analyzed: 01/14/09								
Total Petroleum Hydrocarbons	ND	20	mg/kg					
<b>LCS (DS00011-BS1)</b>								
Prepared & Analyzed: 01/14/09								
Total Petroleum Hydrocarbons	110		mg/kg	100		110		
<b>LCS Dup (DS00011-BSD1)</b>								
Prepared & Analyzed: 01/14/09								
Total Petroleum Hydrocarbons	117		mg/kg	100		117	6	
<b>Matrix Spike (DS00011-MS1)</b>								
Prepared & Analyzed: 01/14/09								
Total Petroleum Hydrocarbons	105		mg/kg	100		105		
<b>Matrix Spike Dup (DS00011-MSD1)</b>								
Prepared & Analyzed: 01/14/09								
Total Petroleum Hydrocarbons	110		mg/kg	100		110	5	

Approved By  
Argon Laboratories, Inc.

QC Officer

**argon laboratories** 2126 W. Mariand Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc.  
703 E. Clinton Ave  
Hobbs, NM 88240

Project Number: ARA-07-001  
Project Name: Artesia Aeration  
Project Manager: Bob Allen



Work Order No.:  
D901004

**Notes and Definitions**

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

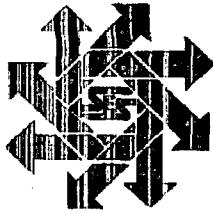
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Approved By  
Argon Laboratories, Inc.

---

QC Officer





# Safety & Environmental Solutions, Inc.

Attn:  
Brad Jones  
505-476-3462  
25 pages

P.O. Box 163  
703 E. Clinton  
Hobbs, New Mexico 88240  
(575) 397-0610  
Fax (575) 393-4388  
www.sesi-nm.com

To:

Kevin Parish  
New Mexico Environmental Services  
P.O. Box 310  
Hobbs, NM 88241

Dear Mr. Parish

On September 24, 2008 SESI was on location to sample Cell #1 to #6. Each cell was hand auger into the treatment zone except for Cell #5. Samples were obtained in the middle of each cell. The samples were then transported to Argon Laboratories in Hobbs, NM under Chain of Custody and analyzed for TPH (EPA method 418.1) Chlorides (EPA method 300.0) and BTEX. The samples are as follows:

Sample Point	TPH	Chlorides	Benzene	Ethyl Benzene	Toluene	Xylenes
Cell #1 3'	106	20	ND	ND	ND	ND
Cell #2 3'	60	275	ND	ND	ND	ND
Cell #3 3'	70	ND	ND	ND	ND	ND
Cell #4 4"	ND	ND	ND	ND	ND	ND
Cell #5 7'	ND	1,500	ND	ND	ND	ND
Cell #6 3'	ND	140	ND	ND	ND	ND

ND=Non-Detect

Attached is a copy of the final laboratory reports.

Cell #5 was not sampled inside the treatment zone due to hard rocks for hand auger. Will be back onsite to obtain samples again with heavier equipment to get into treatment zone.

On October 10, 2008, SESI was on location to re-sample Cell #5. Sample was then transported to Argon Laboratories in Hobbs, NM under Chain of Custody and analyzed for TPH (EPA method 418.1) Chlorides (EPA method 300.0) and BTEX. The samples are as follows:

Sample Point	TPH	Chlorides	Benzene	Ethyl Benzene	Toluene	Xylenes
Cell #5 6'	ND	49	ND	ND	ND	ND

**argon laboratories**

02 October 2008

Bob Allen  
Safety & Environmental Solutions, Inc.  
703 E. Clinton Ave.  
Hobbs, NM 88240

RE: Artesia Aeration Project Data

Enclosed are the results for sample(s) received on 09/25/08 08:30 by Argon Laboratories. The sample(s) were analyzed according to instructions in accompanying chain-of-custody. Results are summarized on the following pages.

Please see quality control report for a summary of QC data pertaining to this project.

The sample(s) will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Sample(s) may be archived by prior arrangement.

Thank you for the opportunity to service the needs of your company.

Sincerely,



Hiram Cueto  
Lab Manager

# Argon Labs

2126 W. Marland Ave Hobbs, NM 88240  
(505)397-0295 (505)397-0298 info@argonlabs.com

## CHAIN OF CUSTODY


1158

Project No: **AAA-07-001**  
 Project Title: **Artesia Aeration**  
 Location: **Maajarajarapi**

Client: **SESE**  
 Address: **703 E Clinton**  
 Contact: **Hobbs, nm 88240**  
 Phone: **(575) 397-0510**  
 Fax:

Client: **Same**  
 Address:

Sampler's Name: **Isaac Kincaid**  
 (print)


Sampler's Signature: 


Client Address: **Same**  
 Address:

Client Address: **Same**  
 Address:

Client Address: **Same**  
 Address:

Sample ID	TURN AROUND TIME			Matrix	Matrix	ANALYSIS	COMMENTS
	RUSH	24 Hour	48 Hour				
Cell #1 8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Soil	Chlorides	
Cell #2 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Soil	TPH	
Cell #3 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Soil	BTEX	
Cell #4 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Soil		
Cell #5 7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Soil		
Cell #6 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Soil		

Relinquished By:  Date: **9/23/08** Time: **0830**

Received By:  Date: **9/25/08** Time: **0830**

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

SPECIAL INSTRUCTIONS:

# Argon Laboratories Sample Receipt Checklist

Client Name: SESI Date & Time Received: 04/25/08 8:30

Project Name: Artesia Aeration Client Project Number: ARA-07-001

Received By: R.E. Matrix: Water  Soil  Sludge

Sample Carrier: Client  Laboratory  FedEx  UPS  Other

Argon Labs Project Number: C609012

Shipper Container in good condition? Yes  No  Samples received in proper containers? Yes  No

N/A Yes  No  Samples received intact? Yes  No

Samples received under refrigeration? Yes  No  Sufficient sample volume for requested tests? Yes  No

Chain of custody present? Yes  No  Samples received within holding time? Yes  No

Chain of Custody signed by all parties? Yes  No  Do samples contain proper preservative?

N/A  Yes  No

Chain of Custody matches all sample labels? Do VOA vials contain zero headspace?

Yes  No  (None submitted ) Yes  No

ANY "No" RESPONSE MUST BE DETAILED IN THE COMMENTS SECTION BELOW

Date Client Contacted: \_\_\_\_\_ Person Contacted: \_\_\_\_\_

Contacted By: \_\_\_\_\_ Subject: \_\_\_\_\_

Comments:

Action Taken:

ADDITIONAL TEST(S) REQUEST / OTHER

Contacted By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

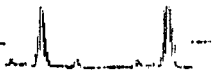
Call Received By: \_\_\_\_\_

Comments:





2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0295



Safety & Environmental Solutions, Inc.	Project Number: ARA-07-001	Work Order No.:
703 E. Clinton Ave.	Project Name: Artesia Aeration	C809012
Hobbs, NM 88240	Project Manager: Bob Allen	

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Cell #1	C809012-01	Soil	09/24/08 08:05	09/25/08 08:30
Cell #2	C809012-02	Soil	09/24/08 08:20	09/25/08 08:30
Cell #3	C809012-03	Soil	09/24/08 08:40	09/25/08 08:30
Cell #4	C809012-04	Soil	09/24/08 09:00	09/25/08 08:30
Cell #5	C809012-05	Soil	09/24/08 09:20	09/25/08 08:30
Cell #6	C809012-06	Soil	09/24/08 09:40	09/25/08 08:30

Approved By  
Argon Laboratories, Inc.

QC Officer

**argon laboratories** 2125 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0256

Safety & Environmental Solutions, Inc. 703 E. Clinton Ave. Hobbs, NM 88240	Project Number: ARA-07-001 Project Name: Artesia Aeration Project Manager: Bob Allen	Work Order No.: C809012
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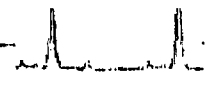
**ANALYSIS REPORT**

Analyte	Result	Reporting Limit	Units	Dilution	Analysis Date	Method	Notes
Cell #1: 3 (C809012-01) Soil	Sampled: 09/24/08 08:05 Received: 09/25/08 08:30						
Chloride	20	10	mg/kg	1	09/26/08	EPA 300.0	
Cell #2: 3 (C809012-02) Soil	Sampled: 09/24/08 08:20 Received: 09/25/08 08:30						
Chloride	25	10	mg/kg	1	09/26/08	EPA 300.0	
Cell #3: 3 (C809012-03) Soil	Sampled: 09/24/08 08:40 Received: 09/25/08 08:30						
Chloride	ND	10	mg/kg	1	09/26/08	EPA 300.0	
Cell #4: 4 (C809012-04) Soil	Sampled: 09/24/08 09:00 Received: 09/25/08 08:30						
Chloride	ND	10	mg/kg	1	09/26/08	EPA 300.0	
Cell #5: 7 (C809012-05) Soil	Sampled: 09/24/08 09:20 Received: 09/25/08 08:30						
Chloride	1500	100	mg/kg	10	09/26/08	EPA 300.0	
Cell #6: 3 (C809012-06) Soil	Sampled: 09/24/08 09:40 Received: 09/25/08 08:30						
Chloride	140	10	mg/kg	1	09/26/08	EPA 300.0	

Approved By \_\_\_\_\_ QC Officer

Argon Laboratories, Inc.

**Argon Laboratories** 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0295



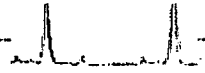
Safety & Environmental Solutions, Inc. 703 E. Clinton Ave. Hobbs, NM 88240	Project Number: ARA-07-001 Project Name: Artesia Aeration Project Manager: Bob Allen	Work Order No.: C809012
<b>BTEX - EPA Method 8021B</b>		

Analysis	Result	Reporting Limit	Units	Dilution	Analysed	Method	Notes
<b>Cell #1 3 (C809012-01) Soil: Sampled: 09/24/08 08:05 Received: 09/25/08 08:30</b>							
Benzene	ND	0.005	mg/kg	1	09/26/08	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr. Rec.:		113 %					
<b>Cell #2 3 (C809012-02) Soil: Sampled: 09/24/08 08:20 Received: 09/25/08 08:30</b>							
Benzene	ND	0.005	mg/kg	1	09/26/08	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr. Rec.:		112 %					
<b>Cell #3 3 (C809012-03) Soil: Sampled: 09/24/08 08:40 Received: 09/25/08 08:30</b>							
Benzene	ND	0.005	mg/kg	1	09/26/08	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr. Rec.:		109 %					
<b>Cell #4 4 (C809012-04) Soil: Sampled: 09/24/08 09:00 Received: 09/25/08 08:30</b>							
Benzene	ND	0.005	mg/kg	1	09/26/08	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr. Rec.:		80 %					

Approved By  
Argon Laboratories, Inc.

QC Officer

**argon laboratories** 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0295



Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240	Project Number: ARA-07-001 Project Name: Artesia Aeration Project Manager: Bob Allen	Work Order No.: C809012
---	--	----------------------------

**BTEX EPA Method 8021B**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>Cell # 7 (C809012-06) Soil. Sampled: 09/24/08 09:20 Received: 09/25/08 08:30</b>							
Benzene	ND	0.005	mg/kg	1	09/26/08	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr. Rec.:		114 %					
<b>Cell # 3 (C809012-06) Soil. Sampled: 09/24/08 09:40 Received: 09/25/08 08:30</b>							
Benzene	ND	0.005	mg/kg	1	09/26/08	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr. Rec.:		111 %					

Approved By  
Argon Laboratories, Inc.

QC Officer





2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0295

Safety & Environmental Solutions, Inc.  
703 E. Clinton Ave  
Hobbs, NM 88240

Project Number: ARA-07-001  
Project Name: Artesia Aeration  
Project Manager: Bob Allen

Work Order No.:  
C809012

**Total Petroleum Hydrocarbons EPA Method 8015M**

Analysis	Result	Reporting Limit	Units	Dilution	Analysis	Method	Note
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Cell #3 (C809012-01) Soil Sampled: 09/24/08 08:05 Received: 09/25/08 08:30

Gasoline Range Organics	ND	10	mg/kg	1	09/25/08	EPA 8015M	
Diesel Range Organics	26	10	"	"	"	"	
C29-C35 Range Organics	80	20	"	"	"	"	
Total Petroleum Hydrocarbons	106	10	"	"	"	"	

Surf. Rec.: 83 %

Cell #3 (C809012-02) Soil Sampled: 09/24/08 08:20 Received: 09/25/08 08:30

Gasoline Range Organics	ND	10	mg/kg	1	09/25/08	EPA 8015M	
Diesel Range Organics	ND	10	"	"	"	"	
C29-C35 Range Organics	60	20	"	"	"	"	
Total Petroleum Hydrocarbons	60	10	"	"	"	"	

Surf. Rec.: 106 %

Cell #3 (C809012-03) Soil Sampled: 09/24/08 08:40 Received: 09/25/08 08:30

Gasoline Range Organics	ND	10	mg/kg	1	09/25/08	EPA 8015M	
Diesel Range Organics	ND	10	"	"	"	"	
C29-C35 Range Organics	ND	20	"	"	"	"	
Total Petroleum Hydrocarbons	ND	10	"	"	"	"	

Surf. Rec.: 114 %

Cell #4 (C809012-04) Soil Sampled: 09/24/08 09:00 Received: 09/25/08 08:30

Gasoline Range Organics	ND	10	mg/kg	1	09/25/08	EPA 8015M	
Diesel Range Organics	ND	10	"	"	"	"	
C29-C35 Range Organics	ND	20	"	"	"	"	
Total Petroleum Hydrocarbons	ND	10	"	"	"	"	

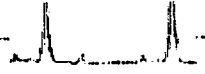
Surf. Rec.: 110 %

Approved By  
Argon Laboratories, Inc.

QC Officer

**Argon Laboratories**

2126 W. Mariand Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0295



Safety & Environmental Solutions, Inc.  
 703 E. Clinton Ave.  
 Hobbs, NM 88240

Project Number: ARA-07-001  
 Project Name: Artesia Aeration  
 Project Manager: Bob Allen

Work Order No.  
 C809612

**Total Petroleum Hydrocarbons EPA Method 8015M**

Analysis	Result	Reporting Limit	Units	Dilution	Analysis Date	Method	Notes
<b>Cell # 7 (C809012-05) Soil Sampled: 09/24/08 09:20 Received: 09/25/08 08:30</b>							
Gasoline Range Organics	ND	10	mg/kg	1	09/26/08	EPA 8015M	
Diesel Range Organics	ND	10	"	"	"	"	
C29 - C35 Range Organics	ND	20	"	"	"	"	
Total Petroleum Hydrocarbons	ND	10	"	"	"	"	
Surr. Rec.			109 %				
<b>Cell # 3 (C809012-06) Soil Sampled: 09/24/08 09:40 Received: 09/25/08 08:30</b>							
Gasoline Range Organics	ND	10	mg/kg	1	09/26/08	EPA 8015M	
Diesel Range Organics	ND	10	"	"	"	"	
C29 - C35 Range Organics	ND	20	"	"	"	"	
Total Petroleum Hydrocarbons	ND	10	"	"	"	"	
Surr. Rec.			114 %				

Approved By  
 Argon Laboratories, Inc.

QC Officer

Argon Laboratories 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0295

Safety of Environmental Solutions, Inc.  
70312 Clinton Ave  
Hobbs, NM 88240

Project Number: ARA-07-001  
Project Name: Artesia Aeration  
Project Manager: Bob Allen

Work Order No.:  
C809012

ANALYSIS REPORT - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
<b>Batch CR00148 - General Prep</b>								
<b>Blank (CR00148-BLK0)</b> Prepared & Analyzed: 09/26/08								
Chloride	ND	10	mg/kg					
<b>LCS (CR00148-BS1)</b> Prepared & Analyzed: 09/25/08								
Chloride	5.00		mg/kg	5.00		100		
<b>LCS Dup (CR00148-BSD1)</b> Prepared & Analyzed: 09/26/08								
Chloride	5.25		mg/kg	5.00		105	5	
<b>Matrix Spike (CR00148-MS1)</b> Prepared & Analyzed: 09/25/08								
Chloride	5.00		mg/kg	5.00		100		
<b>Matrix Spike Dup (CR00148-MSD1)</b> Prepared & Analyzed: 09/25/08								
Chloride	5.15		mg/kg	5.00		103	3	

Approved By:  
Argon Laboratories, Inc.

QC Officer

**Argon Laboratories** 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc. 703 E. Clinton Ave. Hobbs, NM 88240	Project Number: ARA-07-001 Project Name: Artesia Aeration Project Manager: Bob Allen	Work Order No.: C809012
--	--	----------------------------

**BTEX, EPA Method 8021B - Quality Control**

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
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**Batch CR00147- EPA 5030B**

Blank (CR00147-BLK1) Prepared & Analyzed: 09/26/08

Styrene	0.0500		mg/kg	0.0500		100		
Benzene	ND	0.005	"					
Toluene	ND	0.005	"					
Ethylbenzene	ND	0.005	"					
Xylenes (total)	ND	0.010	"					

**LCS (CR00147-BS1) Prepared & Analyzed: 09/26/08**

Benzene	0.046		mg/kg	0.0500		92		
---------	-------	--	-------	--------	--	----	--	--

**LCS Dup (CR00147-BSD1) Prepared & Analyzed: 09/26/08**

Benzene	0.044		mg/kg	0.0500		88	4	
---------	-------	--	-------	--------	--	----	---	--

**Matrix Spike (CR00147-MS1) Prepared & Analyzed: 09/25/08**

Toluene	0.053		mg/kg	0.0500		106		
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**Matrix Spike Dup (CR00147-MSD1) Prepared & Analyzed: 09/25/08**

Toluene	0.048		mg/kg	0.0500		96	10	
---------	-------	--	-------	--------	--	----	----	--

Approved By  
Argon Laboratories, Inc.

QC Officer

**Argon Laboratories**

2125 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0256

Safety & Environmental Solutions, Inc. 703 E. Clinton Ave. Hobbs, NM 88240	Project Number: ARA-07-001 Project Name: Artesia Aeration Project Manager: Bob Allen	Work Order No.: C800012
--	--	----------------------------

**Total Petroleum Hydrocarbons EPA Method 8015M - Quality Control**

Argon Laboratories

Analysis	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
<b>Batch CR00135- EPA 3550B</b>								
<b>Blank (CR00135-BLK1)</b>								
				Prepared & Analyzed: 09/26/08				
Surrogate: p-Terphenyl	0.105		mg/kg	0.100		105		
Gasoline Range Organics	ND	10	"					
Diesel Range Organics	ND	10	"					
C29 - C35 Range Organics	ND	20	"					
Total Petroleum Hydrocarbons	ND	10	"					
<b>LCS (CR00135-BS1)</b>								
				Prepared & Analyzed: 09/26/08				
Total Petroleum Hydrocarbons	244		mg/kg	250		98		
<b>LCS Dup (CR00135-BS D1)</b>								
				Prepared & Analyzed: 09/26/08				
Total Petroleum Hydrocarbons	251		mg/kg	250		100	3	
<b>Matrix Spike (CR00135-MS1)</b>								
				Prepared & Analyzed: 09/26/08				
Total Petroleum Hydrocarbons	243		mg/kg	250		97		
<b>Matrix Spike Dup (CR00135-MS D1)</b>								
				Prepared & Analyzed: 09/26/08				
Total Petroleum Hydrocarbons	253		mg/kg	250		101	4	

Approved By  
Argon Laboratories, Inc.

QC Officer

**argon laboratories**

2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0295

Safety & Environmental Solutions, Inc.  
703 E. Clinton Ave  
Hobbs, NM 88240

Project Number: ARA-07-001  
Project Name: Artesia Aeration  
Project Manager: Bob Allen

Work Order No.  
C809012

**Notes and Definitions**

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

Approved By

Argon Laboratories, Inc.

CC Officer

# argon laboratories

20 October 2008

Bob Allen  
Safety & Environmental Solutions, Inc.  
703 E. Clinton Ave.  
Hobbs, NM 88240

RE: Artesia Aeration Project Data

Enclosed are the results for sample(s) received on 10/10/08 15:00 by Argon Laboratories. The sample(s) were analyzed according to instructions in accompanying chain-of-custody. Results are summarized on the following pages.

Please see quality control report for a summary of QC data pertaining to this project.

The sample(s) will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Sample(s) may be archived by prior arrangement.

Thank you for the opportunity to service the needs of your company.

Sincerely,




Hiram Gueto  
Lab Manager

**Argon Labs**



2128 W. Marland Ave Hobbs, NM 88240  
 (505)397-0295 (505)397-0296 info@argonlabs.com

**CHAIN OF CUSTODY**

1162

Project No: **AM-07-08**  
 Project Title: **Artesia Hazardous Waste Remediation**  
 Location: **Artesia, NM**  
 Sampler's Name: **Isaac Kincaid**  
 (Print)  
 Sampler's Signature:   
 Client: **SSES**  
 Address: **703 E Clinton**  
 Contact: **8043, RM 2210**  
 Phone: **(575) 397-0510**  
 Fax:  
 Bill To: **SAME**  
 Client Address:

Sample ID.	Date	Time	# Containers	Matrix	TURN AROUND TIME			Standard (5 days)	COMMENTS
					24 Hour	48 Hour	other		
Cell 5's	10/10/08	1100	1	Soil	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Characteristics TPH 4181 BTEX	

Relinquished By:  Date: **10/10/08** Time: **1500**  
 Relinquished By:  Date: **10-10-08** Time: **1500**  
 Relinquished By: Date: Time:



# Argon Laboratories Sample Receipt Checklist

Client Name: Safety & Environmental Solutions Date & Time Received: 11/10/08 15:00

Project Name: Artesia Activation Client Project Number: RA-07-001

Received By: RE Matrix: Water  Soil  Sludge

Sample Carrier: Client  Laboratory  Fed Ex  UFS  Other

Argon Labs Project Number: C310002

Shipper Container in good condition? N/A Yes  No  Samples received in proper containers? Yes  No

Samples received intact? Yes  No  Sufficient sample volume for requested tests? Yes  No

Samples received under refrigeration? Yes  No  Samples received within holding time? Yes  No

Chain of custody present? Yes  No  Do samples contain proper preservative? Yes  No

Chain of Custody signed by all parties? Yes  No  Do VOA vials contain zero headspace? N/A  Yes  No

Chain of Custody matches all sample labels? Yes  No  Do VOA vials contain zero headspace? (None submitted ) Yes  No

**ANY "No" RESPONSE MUST BE DETAILED IN THE COMMENTS SECTION BELOW**

Date Client Contacted: \_\_\_\_\_ Person Contacted: \_\_\_\_\_

Contacted By: \_\_\_\_\_ Subject: \_\_\_\_\_

Comments: \_\_\_\_\_

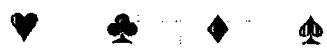
Action Taken: \_\_\_\_\_

### ADDITIONAL TEST(S) REQUEST / OTHER

Contacted By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

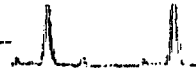
Call Received By: \_\_\_\_\_

Comments: \_\_\_\_\_





2120 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0295



Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240	Project Number: ARA-07-001 Project Name: Artesia Aeration Project Manager: Bob Allen	Work Order No. C810002
---	--	---------------------------

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C810002-01	C810002-01	Soil	10/10/08 1:00	10/16/08 15:00

Approved By

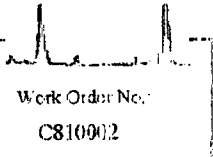
Argon Laboratories, Inc.

QC Officer

Argon Laboratories 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc.  
703 E. Clinton Ave  
Hobbs, NM 88240

Project Number: ARA-07-001  
Project Name: Artesia Aeration  
Project Manager: Bob Allen



Work Order No:  
C810002

ANALYSIS REPORT

Analyte	Result	Reporting Limit	Units	Dilution	Analytical	Method	Notes
Cellulose (C810002-01) Soil Sampled: 10/10/08 11:00 Received: 10/10/08 15:00							
Chloride	49	10	mg/kg	1	10/11/08	EPA 800.0	

Approved By:  
Argon Laboratories, Inc.

QC Officer

Argon Laboratories 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0295

Safety & Environmental Solutions, Inc.  
70302 Clinton Ave  
Hobbs, NM 88240

Project Number: ARA-07-001  
Project Name: Artesia Aeration  
Project Manager: Bob Allen

Work Order No.  
C810002

**RETEX EPA Method 8021B**

Analyte	Reporting			Dilution	Analyzed	Method	Notes
	Result	Limit	Units				

Cell# 5 (C810002-01) Soil Sampled: 10/10/08 11:00 Received: 10/10/08 15:00

Benzene	ND	0.005	mg/kg	1	10/10/08	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	

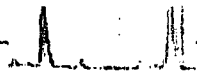
Surf. Rec.: 106 %

Approved By  
Argon Laboratories, Inc.

QC Officer



2126 W. Marland Ave., Hobbs, NM 88240, (505)397-0295, Fax (505)397-0296



Safety & Environmental Solutions, Inc.  
703 E. Clinton Ave.  
Hobbs, NM 88240

Project Number: ARA-07-001  
Project Name: Artesia Aeration  
Project Manager: Bob Allen

Work Order No.:  
C810002

Total Recoverable Petroleum Hydrocarbons with Silica Gel Clean-Up by IR Spectrometry

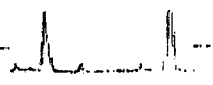
Analyte	Result	Reporting		Units	Dilution	Analysis	Method	Notes
		Limit	Units					
Cell #3 (C810002-01) Soil	Sampled: 10/10/08 11:00 Received: 10/10/08 15:00							
Total Petroleum Hydrocarbons	ND	20		mg/kg		10/10/08	EPA 418.1	

Approved By:  
Argon Laboratories, Inc.

QC Officer



2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296



Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240	Project Number: ARA-07-001 Project Name: Artesia Aeration Project Manager: Bob Allen	Work Order No: C81002
---	--	--------------------------

**ANALYSIS REPORT - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
<b>Batch CR00152 - General Prep</b>								
<b>Blank (CR00152-BLK1)</b>				Prepared & Analyzed: 10/14/08				
Chloride	ND	10	mg/kg					
<b>LCS (CR00152-BS1)</b>				Prepared & Analyzed: 10/14/08				
Chloride	5.05		mg/kg	5.00		101		
<b>LCS Dup (CR00152-BSD1)</b>				Prepared & Analyzed: 10/14/08				
Chloride	5.50		mg/kg	5.00		110	9	
<b>Matrix Spike (CR00152-MS1)</b>				Prepared & Analyzed: 10/14/08				
Chloride	4.60		mg/kg	5.00		92		
<b>Matrix Spike Dup (CR00152-MSD1)</b>				Prepared & Analyzed: 10/14/08				
Chloride	4.65		mg/kg	5.00		93	1	

Approved By  
Argon Laboratories, Inc.

QC Officer

**argon laboratories** 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296



Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240	Project Number: ARA-07-001 Project Name: Artesia Acetation Project Manager: Bob Allen	Work Order No: C810002
---	---	---------------------------

**BTEX EPA Method 8021E - Quality Control**

**Argon Laboratories**

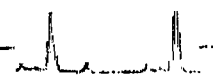
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
<b>Batch CR00149 - EPA 5030B</b>								
<b>Blank (CR00149-BLK1)</b>				<b>Prepared &amp; Analyzed: 10/14/08</b>				
<i>Surrogate: a,a,a-Trifluorotoluene</i>	0.0490		mg/kg	0.0500		98		
Benzene	ND	0.005	"					
Toluene	ND	0.005	"					
Ethylbenzene	ND	0.005	"					
Xylenes (total)	ND	0.010	"					
<b>LCS (CR00149-BSD1)</b>				<b>Prepared &amp; Analyzed: 10/14/08</b>				
Benzene	0.043		mg/kg	0.0500		86		
<b>LCS Dup (CR00149-BSD1)</b>				<b>Prepared &amp; Analyzed: 10/14/08</b>				
Benzene	0.045		mg/kg	0.0500		90	5	
<b>Matrix Spike (CR00149-MS1)</b>				<b>Prepared &amp; Analyzed: 10/14/08</b>				
Toluene	0.054		mg/kg	0.0500		108		
<b>Matrix Spike Dup (CR00149-MSD1)</b>				<b>Prepared &amp; Analyzed: 10/14/08</b>				
Toluene	0.053		mg/kg	0.0500		106	2	

Approved By  
Argon Laboratories, Inc.

QC Officer

**argon laboratories**

2125 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296



Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240	Project Number: ARA-07-001 Project Name: Artesia Aeration Project Manager: Bob Allen	Work Order No: C810002
---	--	---------------------------

**Total Recoverable Petroleum Hydrocarbons with Silica Gel Clean-Up by IR Spectrometry - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
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**Batch CR00151 - EPA 3550B**

<b>Blank (CR00151-BLK1)</b>				Prepared & Analyzed: 10/16/08				
Total Petroleum Hydrocarbons	ND	20	mg/kg					
<b>LCS (CR00151-BS1)</b>				Prepared & Analyzed: 10/16/08				
Total Petroleum Hydrocarbons	53.5		mg/kg	50.0		107		
<b>LCS Dup (CR00151-BSD1)</b>				Prepared & Analyzed: 10/16/08				
Total Petroleum Hydrocarbons	51.5		mg/kg	50.0		103	4	
<b>Matrix Spike (CR00151-MS1)</b>				Prepared & Analyzed: 10/16/08				
Total Petroleum Hydrocarbons	46.9		mg/kg	50.0		94		
<b>Matrix Spike Dup (CR00151-MSD1)</b>				Prepared & Analyzed: 10/16/08				
Total Petroleum Hydrocarbons	47.1		mg/kg	50.0		94	1.4	

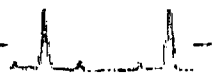
Approved By  
Argon Laboratories, Inc.

QC Officer



**argon laboratories**

2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296



Safety & Environmental Solutions, Inc.  
703 E. Clinton Ave  
Hobbs, NM 88240

Project Number: ARA-07-001  
Project Name: Artesia Aeration  
Project Manager: Bob Allen

Work Order No.:  
C810002

**Notes and Definitions**

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

Approved By  
Argon Laboratories, Inc.

QC Officer

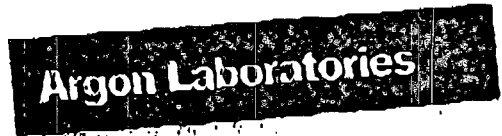
Brad Jones (UMOCO)  
505-476-3462

18 pages w/covers

Re: Artesia Aeration  
QRT Rly Report  
and QRT.

Artesia Aeration  
P.O. Box 310  
Hobbs, NM 88241  
575-392-9875 (o)  
575-392-3085 (f)

JUL-13-2008 08:30 PM ARGON



# Fax

To: Suserna From: Irina  
 Fax: \_\_\_\_\_ Pages: 4  
 Phone: \_\_\_\_\_ Date: 07/14/08  
 Re: Rush Results CC: \_\_\_\_\_

- Urgent     For Review     Please Comment     Please Reply     Please Recycle

• Comments,...

Faxing rush results for Artesia Aeration.

Please call if any questions





JUL-13-2008 08:30 PM ARGON

# ARGON LABORATORIES

Analysis Report Sheet

Instrument: \_\_\_\_\_  
Analyst: \_\_\_\_\_

Client: Safety & Environmental Solutions, Inc.

Project Name: Artesia Aeration

Project No.: ARA-07-001

**C807005**

Matrix: Soil

Units: mg/Kg

Analysis Date: 7-14-08 *D. Camp SF*

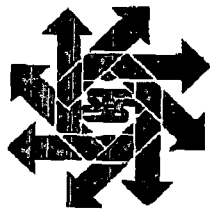
07/14/08 MG

418.1

Sample ID	Lab #	Chloride						
Call #5'	-01	710.			ND			

B/K      NO  
 LCS      93  
 2CSD      101  
 MS      101  
 MSID      106





P.O. Box 1613  
703 E. Clinton Suite 102  
Hobbs, New Mexico 88240  
505/397-0510  
Fax 505/393-4388  
www.sesi-nm.com

## Safety & Environmental Solutions, Inc.

To:

Kevin Parish  
New Mexico Environmental Services  
P.O. Box 310  
Hobbs, NM 88241

Dear Mr. Parish

On June 25, 2008 SESI was on location to sample Cell #1 to #6. Each cell was hand auger into the treatment zone except for Cell #5. Samples were obtained in the middle of each cell. The samples were then transported to Argon Laboratories in Hobbs, NM under Chain of Custody and analyzed for TPH (EPA method 418.1) Chlorides (EPA method 300.0) and BTEX. The samples are as follows:

Sample Point	TPH	Chlorides	Benzene	Ethyl Benzene	Toluene	Xylenes
Cell #1 3'	ND	300	ND	ND	ND	ND
Cell #2 2'	ND	27	ND	ND	ND	ND
Cell #3 3'	70	ND	ND	ND	ND	ND
Cell #4 5'	ND	130	ND	ND	ND	ND
Cell #5 5'	2,700	1,800	ND	0.057	0.10	0.23
Cell #6 4'	ND	180	ND	ND	ND	ND

ND=Non-Detect

Attached is a copy of the final laboratory reports.

Cell #5 was not sampled inside the treatment zone due to hard rocks for hand auger. Will be back onsite to obtain samples again with heavier equipment to get into treatment zone.

On July 11, 2008, SESI was on location to re-sample Cell #5. Sample was then transported to Argon Laboratories in Hobbs, NM under Chain of Custody and analyzed for TPH (EPA method 418.1) Chlorides (EPA method 300.0) and BTEX. The samples are as follows:

Sample Point	TPH	Chlorides	Benzene	Ethyl Benzene	Toluene	Xylenes
Cell #5 6'	ND	710	ND	ND	ND	ND

18 w/ case



**argon laboratories**

30 June 2008

Bob Allen  
Safety & Environmental Solutions, Inc.  
703 E. Clinton Ave  
Hobbs, NM 88240

RE: Artesia Aeration Project Data

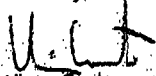
Enclosed are the results for sample(s) received on 06/25/08 14:15 by Argon Laboratories. The sample(s) were analyzed according to instructions in accompanying chain-of-custody. Results are summarized on the following pages.

Please see quality control report for a summary of QC data pertaining to this project.

The sample(s) will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Sample(s) may be archived by prior arrangement.

Thank you for the opportunity to service the needs of your company.

Sincerely,



Hiram Cueto  
Lab Manager



# Argon Laboratories Sample Receipt Checklist

Client Name: Safety & Environmental Solutions, Inc. Date & Time Received: 06/25/08 14:15

Project Name: Artesis Aeration Client Project Number: ARA-07-001

Received By: J.E. Matrix: Water  Soil  Sludge

Sample Carrier: Client  Laboratory  Fed Ex  UPS  Other

Argon Labs Project Number: C806016

Shipper Container in good condition? N/A  Yes  No  Samples received in proper containers? Yes  No

Samples received intact? Yes  No

Samples received under refrigeration? Yes  No  Sufficient sample volume for requested tests? Yes  No

Chain of custody present? Yes  No  Samples received within holding time? Yes  No

Chain of Custody signed by all parties? Yes  No  Do samples contain proper preservative? N/A  Yes  No

Chain of Custody matches all sample labels? Yes  No  Do VOA vials contain zero headspace? (None submitted ) Yes  No

ANY "No" RESPONSE MUST BE DETAILED IN THE COMMENTS SECTION BELOW

Date Client Contacted: \_\_\_\_\_ Person Contacted: \_\_\_\_\_

Contacted By: \_\_\_\_\_ Subject: \_\_\_\_\_

Comments:

Action Taken:

ADDITIONAL TEST(S) REQUEST / OTHER

Contacted By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Call Received By: \_\_\_\_\_

Comments:



**argon laboratories**

2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety &amp; Environmental Solutions, Inc.

703 E. Clinton Ave

Hobbs, NM 88240

Project Number: ARA-07-001

Project Name: Artesia Aeration

Project Manager: Bob Allen

Work Order No.:

C806016

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Cell # 1 3'	C806016-01	Soil	06/25/08 08:55	06/25/08 14:15
Cell # 2 2'	C806016-02	Soil	06/25/08 09:10	06/25/08 14:15
Cell # 3 3'	C806016-03	Soil	06/25/08 09:30	06/25/08 14:15
Cell # 4 5'	C806016-04	Soil	06/25/08 10:00	06/25/08 14:15
Cell # 5 5'	C806016-05	Soil	06/25/08 10:30	06/25/08 14:15
Cell # 6 4'	C806016-06	Soil	06/25/08 11:00	06/25/08 14:15

Approved By

Argon Laboratories, Inc.

QC Officer

**argon laboratories**

2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc.  
703 E. Clinton Ave  
Hobbs, NM 88240

Project Number: ARA-07-001  
Project Name: Artesia Aeration  
Project Manager: Bob Allen

Work Order No.:  
C806016

**ANALYSIS REPORT**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>Cell # 1 3' (C806016-01) Soil</b> Sampled: 06/25/08 08:55 Received: 06/25/08 14:15							
Chloride	300	40	mg/kg	4	06/26/08	EPA 300.0	
<b>Cell # 2 2' (C806016-02) Soil</b> Sampled: 06/25/08 09:10 Received: 06/25/08 14:15							
Chloride	27	10	mg/kg	1	06/26/08	EPA 300.0	
<b>Cell # 3 3' (C806016-03) Soil</b> Sampled: 06/25/08 09:30 Received: 06/25/08 14:15							
Chloride	ND	10	mg/kg	1	06/26/08	EPA 300.0	
<b>Cell # 4 5' (C806016-04) Soil</b> Sampled: 06/25/08 10:00 Received: 06/25/08 14:15							
Chloride	130	10	mg/kg	1	06/26/08	EPA 300.0	
<b>Cell # 5 5' (C806016-05) Soil</b> Sampled: 06/25/08 10:30 Received: 06/25/08 14:15							
Chloride	1800	200	mg/kg	20	06/26/08	EPA 300.0	
<b>Cell # 6 4' (C806016-06) Soil</b> Sampled: 06/25/08 11:00 Received: 06/25/08 14:15							
Chloride	180	20	mg/kg	2	06/26/08	EPA 300.0	

Approved By  
Argon Laboratories, Inc.

QC Officer

**argon laboratories**

2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240	Project Number: ARA-07-001 Project Name: Artesia Aeration Project Manager: Bob Allen	Work Order No.: C806016
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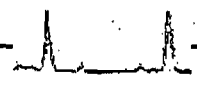
**BTEX EPA Method 8021B**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>Cell # 1 3' (C806016-01) Soil</b> Sampled: 06/25/08 08:55 Received: 06/25/08 14:15							
Benzene	ND	0.005	mg/kg	1	06/26/08	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr. Rec.:		108%					
<b>Cell # 2 2' (C806016-02) Soil</b> Sampled: 06/25/08 09:10 Received: 06/25/08 14:15							
Benzene	ND	0.005	mg/kg	1	06/26/08	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr. Rec.:		114%					
<b>Cell # 3 3' (C806016-03) Soil</b> Sampled: 06/25/08 09:30 Received: 06/25/08 14:15							
Benzene	ND	0.005	mg/kg	1	06/26/08	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr. Rec.:		111%					
<b>Cell # 4 5' (C806016-04) Soil</b> Sampled: 06/25/08 10:00 Received: 06/25/08 14:15							
Benzene	ND	0.005	mg/kg	1	06/26/08	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr. Rec.:		110%					

Approved By  
Argon Laboratories, Inc.

QC Officer

**argon laboratories** 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240	Project Number: ARA-07-001 Project Name: Artesia Aeration Project Manager: Bob Allen	 Work Order No.: <b>C806016</b>
<b>BTEX EPA Method 8021B</b>		

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>Cell # 5 5' (C806016-05) Soil Sampled: 06/25/08 10:30 Received: 06/25/08 14:15</b>							
Benzene	ND	0.050	mg/kg	10	06/26/08	8021B	
Toluene	0.10	0.050	"	"	"	"	
Ethylbenzene	0.057	0.050	"	"	"	"	
Xylenes (total)	0.23	0.10	"	"	"	"	
Surr. Rec.:		107 %					
<b>Cell # 6 4' (C806016-06) Soil Sampled: 06/25/08 11:00 Received: 06/25/08 14:15</b>							
Benzene	ND	0.005	mg/kg	1	06/26/08	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr. Rec.:		103 %					

Approved By  
 Argon Laboratories, Inc.

QC Officer

**argon laboratories** 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc.  
703 E. Clinton Ave  
Hobbs, NM 88240

Project Number: ARA-07-001  
Project Name: Artesia Aeration  
Project Manager: Bob Allen

Work Order No.:  
C806016

**Total Recoverable Petroleum Hydrocarbons with Silica Gel Clean-Up by IR Spectrometry**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>Cell # 1 3' (C806016-01) Soil</b>	Sampled: 06/25/08 08:55 Received: 06/25/08 14:15						
Total Petroleum Hydrocarbons	ND	20	mg/kg	1	06/27/08	EPA 418.1	
<b>Cell # 2 2' (C806016-02) Soil</b>	Sampled: 06/25/08 09:10 Received: 06/25/08 14:15						
Total Petroleum Hydrocarbons	ND	20	mg/kg	1	06/27/08	EPA 418.1	
<b>Cell # 3 3' (C806016-03) Soil</b>	Sampled: 06/25/08 09:30 Received: 06/25/08 14:15						
Total Petroleum Hydrocarbons	70	20	mg/kg	1	06/27/08	EPA 418.1	
<b>Cell # 4 5' (C806016-04) Soil</b>	Sampled: 06/25/08 10:00 Received: 06/25/08 14:15						
Total Petroleum Hydrocarbons	ND	20	mg/kg	1	06/27/08	EPA 418.1	
<b>Cell # 5 5' (C806016-05) Soil</b>	Sampled: 06/25/08 10:30 Received: 06/25/08 14:15						
Total Petroleum Hydrocarbons	2700	40	mg/kg	2	06/27/08	EPA 418.1	
<b>Cell # 6 4' (C806016-06) Soil</b>	Sampled: 06/25/08 11:00 Received: 06/25/08 14:15						
Total Petroleum Hydrocarbons	ND	20	mg/kg	1	06/27/08	EPA 418.1	

Approved By  
Argon Laboratories, Inc.

QC Officer



**argon laboratories**

2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc.  
703 E. Clinton Ave  
Hobbs, NM 88240

Project Number: ARA-07-001  
Project Name: Artesia Aeration  
Project Manager: Bob Allen

Work Order No.:  
C806016

**ANALYSIS REPORT - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
<b>Batch CR00100 - General Prep</b>								
<b>Blank (CR00100-BLK1)</b>				Prepared & Analyzed: 06/26/08				
Chloride	ND	10	mg/kg					
<b>LCS (CR00100-BS1)</b>				Prepared & Analyzed: 06/26/08				
Chloride	4.65		mg/kg	5.00		93		
<b>LCS Dup (CR00100-BSD1)</b>				Prepared & Analyzed: 06/26/08				
Chloride	4.80		mg/kg	5.00		96	3	
<b>Matrix Spike (CR00100-MS1)</b>				Prepared & Analyzed: 06/26/08				
Chloride	5.45		mg/kg	5.00		109		
<b>Matrix Spike Dup (CR00100-MSD1)</b>				Prepared & Analyzed: 06/26/08				
Chloride	5.50		mg/kg	5.00		110	0.9	

Approved By  
Argon Laboratories, Inc.

QC Officer

**argon laboratories**

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Safety & Environmental Solutions, Inc.

703 E. Clinton Ave  
Hobbs, NM 88240

Project Number: ARA-07-001

Project Name: Artesia Aeration

Project Manager: Bob Allen

Work Order No.:

C806016

**BTEX EPA Method 8021B - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
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**Batch CR00101 - EPA 5030B**

**Blank (CR00101-BLK1)**

Prepared & Analyzed: 06/26/08

<i>S surrogate: a,a,a-Trifluorotoluene</i>	0.0515		mg/kg	0.0500		103		
Benzene	ND	0.005	"					
Toluene	ND	0.005	"					
Ethylbenzene	ND	0.005	"					
Xylenes (total)	ND	0.010	"					

**LCS (CR00101-BS1)**

Prepared & Analyzed: 06/26/08

Benzene	0.048		mg/kg	0.0500		96		
---------	-------	--	-------	--------	--	----	--	--

**LCS Dup (CR00101-BSD1)**

Prepared & Analyzed: 06/26/08

Benzene	0.050		mg/kg	0.0500		100	4	
---------	-------	--	-------	--------	--	-----	---	--

**Matrix Spike (CR00101-MS1)**

Prepared & Analyzed: 06/26/08

Toluene	0.044		mg/kg	0.0500		88		
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**Matrix Spike Dup (CR00101-MSD1)**

Prepared & Analyzed: 06/26/08

Toluene	0.047		mg/kg	0.0500		94	7	
---------	-------	--	-------	--------	--	----	---	--

Approved By  
Argon Laboratories, Inc.

QC Officer

**Argon laboratories** 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240	Project Number: ARA-07-001 Project Name: Artesia Aeration Project Manager: Bob Allen	Work Order No.: C806016
---	--	----------------------------

**Total Recoverable Petroleum Hydrocarbons with Silica Gel Clean-Up by IR Spectrometry - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
<b>Batch CR00102 - EPA 3550B</b>								
<b>Blank (CR00102-BLKI)</b>				Prepared & Analyzed: 06/27/08				
Total Petroleum Hydrocarbons	ND	20	mg/kg					
<b>LCS (CR00102-BS1)</b>				Prepared & Analyzed: 06/27/08				
Total Petroleum Hydrocarbons	94.0		mg/kg	100		94		
<b>LCS Dup (CR00102-BSD1)</b>				Prepared & Analyzed: 06/27/08				
Total Petroleum Hydrocarbons	97.0		ug/kg	100		97	3	
<b>Matrix Spike (CR00102-MS1)</b>				Prepared & Analyzed: 06/27/08				
Total Petroleum Hydrocarbons	89.0		mg/kg	100		89		
<b>Matrix Spike Dup (CR00102-MSD1)</b>				Prepared & Analyzed: 06/27/08				
Total Petroleum Hydrocarbons	86.0		mg/kg	100		86	3	

Approved By  
Argon Laboratories, Inc.

QC Officer

**argon laboratories**

2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety &amp; Environmental Solutions, Inc.

703 E. Clinton Ave  
Hobbs, NM 88240Project Number: ARA-07-001  
Project Name: Artesia Aeration  
Project Manager: Bob AllenWork Order No.:  
C806016**Notes and Definitions**

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

---

Approved By

Argon Laboratories, Inc.

---

QC Officer

Artesia Aeration  
P.O. Box 310  
Hobbs, NM 88241  
505-392-9575 office  
505-392-3085 fax

4/18/08

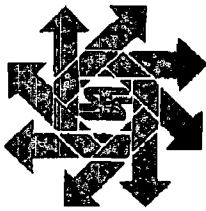
To: Brad Jones

Fax: 505-476-3462

Pages: 13 (including cover)

Notes:

Brad here is the quarterly report for Artesia Aeration. If you have any questions, please do not hesitate to give Jim a call at 505-631-9407.



P.O. Box 1813  
703 E. Clinton Suite 102  
Hobbs, New Mexico 88240  
505/397-0610  
Fax 505/393-4388  
www.sesi-nm.com

## Safety & Environmental Solutions, Inc.

To:

Kevin Parish  
New Mexico Environmental Services  
P.O. Box 310  
Hobbs, NM 88241

Dear Mr. Parish

On March 31, 2008 SESI was on location to sample Cell #1 to #6. A track hoe and operator was onsite to excavate each cell to 3'bgs to grab samples. Samples were obtained in the middle of each cell. The samples were then transported to Argon Laboratories in Hobbs, NM under Chain of Custody and analyzed for TPH (EPA method 418.1) Chlorides (EPA method 300.0) and BTEX. The samples are as follows:

Sample Point	TPH	Chlorides	Benzene	Ethyl Benzene	Toluene	Xylenes
Cell #1 3'	ND	350	ND	ND	ND	ND
Cell #2 3'	ND	320	ND	ND	ND	ND
Cell #3 3'	ND	ND	ND	ND	ND	ND
Cell #4 3'	ND	21	ND	ND	ND	ND
Cell #5 5'	ND	110	ND	ND	ND	ND
Cell #6 4'	ND	44	ND	ND	ND	ND

ND=Non-Detect

Attached is a copy of the final laboratory reports.

Argon Labs


CHAIN OF CUSTODY

1087


C803012

Project No: **AA-07001**  
 Project Title: **Artesia Meration**  
 Location: **Mel Jarama, NM**  
 Sampler's Name: **Isaac Kincaid**

Client: **SESI**  
 Address: **703 E Clinton Hobbs, NM 88240**  
 Phone: **(575) 397-0570**  
 Fax: **(575) 393-4388**  
 Bill To: **Same**

Sampler's Signature: 

Sample ID	Date	Time	TURN AROUND TIME		Matrix	ANALYSIS	COMMENTS
			24 Hour	48 Hour			
Cell #1 3'	3/31/08	1020	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Soil	CL-TPH 418.1	-01
Cell #2 3'	3/31/08	1010	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Soil		-02
Cell #3 3'	3/31/08	1000	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Soil		-03
Cell #4 3'	3/31/08	0950	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Soil		-04
Cell #5 5'	3/31/08	0940	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Soil		-05
Cell #6 4'	3/31/08	0930	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Soil		-06

Report prepared by:  Date: **3/31/08** Time: **1540**  
 Submitted by: **Ken Elkinton** Date: **3/31/08** Time: **1540**  
 Special Instructions: **ANM C03-2507**

# Argon Laboratories Sample Receipt Checklist

Client Name: Safety & Environmental Solutions, Inc. Date & Time Received: 03/31/08 15:40

Project Name: Artesia Aeration Client Project Number: ARA-07-001

Received By: R.E. Matrix: Water  Soil  Sludge

Sample Carrier: Client  Laboratory  Fed Ex  UPS  Other

Argon Labs Project Number: C803012

Shipper Container in good condition? N/A  Yes  No  Samples received in proper containers? Yes  No

Samples received intact? Yes  No

Samples received under refrigeration? Yes  No  Sufficient sample volume for requested tests? Yes  No

Chain of custody present? Yes  No  Samples received within holding time? Yes  No

Chain of Custody signed by all parties? Yes  No  Do samples contain proper preservative?  
N/A  Yes  No

Chain of Custody matches all sample labels? Yes  No  Do VOA vials contain zero headspace?  
(None submitted ) Yes  No

**ANY "No" RESPONSE MUST BE DETAILED IN THE COMMENTS SECTION BELOW**

Date Client Contacted: \_\_\_\_\_ Person Contacted: \_\_\_\_\_

Contacted By: \_\_\_\_\_ Subject: \_\_\_\_\_

Comments:

Action Taken:

**ADDITIONAL TEST(S) REQUEST / OTHER**

Contacted By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Call Received By: \_\_\_\_\_

Comments:





**argon laboratories** 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc.

703 E. Clinton Ave

Hobbs, NM 88240

Project Number: ARA-07-001

Project Name: Artesia Aeration

Project Manager: Bob Allen

Work Order No.:

C803012

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Cell # 1 3'	C803012-01	Soil	03/31/08 10:20	03/31/08 15:40
Cell # 2 3'	C803012-02	Soil	03/31/08 10:10	03/31/08 15:40
Cell # 3 3'	C803012-03	Soil	03/31/08 10:00	03/31/08 15:40
Cell # 4 3'	C803012-04	Soil	03/31/08 09:50	03/31/08 15:40
Cell # 5 5'	C803012-05	Soil	03/31/08 09:40	03/31/08 15:40
Cell # 6 4'	C803012-06	Soil	03/31/08 09:30	03/31/08 15:40

Approved By

Argon Laboratories, Inc.

QC Officer

**argon laboratories** 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc.  
703 E. Clinton Ave  
Hobbs, NM 88240

Project Number: ARA-07-001  
Project Name: Artesia Aeration  
Project Manager: Bob Allen

Work Order No.:  
C803012

### ANALYSIS REPORT

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
Cell # 1 3' (C803012-01) Soil Sampled: 03/31/08 10:20 Received: 03/31/08 15:40							
Chloride	350	30	mg/kg	3	04/04/08	EPA 300.0	
Cell # 2 3' (C803012-02) Soil Sampled: 03/31/08 10:10 Received: 03/31/08 15:40							
Chloride	320	30	mg/kg	3	04/04/08	EPA 300.0	
Cell # 3 3' (C803012-03) Soil Sampled: 03/31/08 10:00 Received: 03/31/08 15:40							
Chloride	ND	10	mg/kg	1	04/04/08	EPA 300.0	
Cell # 4 3' (C803012-04) Soil Sampled: 03/31/08 09:50 Received: 03/31/08 15:40							
Chloride	21	10	mg/kg	1	04/04/08	EPA 300.0	
Cell # 5 5' (C803012-05) Soil Sampled: 03/31/08 09:40 Received: 03/31/08 15:40							
Chloride	110	20	mg/kg	2	04/04/08	EPA 300.0	
Cell # 6 4' (C803012-06) Soil Sampled: 03/31/08 09:30 Received: 03/31/08 15:40							
Chloride	44	10	mg/kg	1	04/04/08	EPA 300.0	

Approved By  
Argon Laboratories, Inc.

QC Officer

**argon laboratories**

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Safety & Environmental Solutions, Inc.  
703 E. Clinton Ave  
Hobbs, NM 88240

Project Number: ARA-07-001  
Project Name: Artesia Aeration  
Project Manager: Bob Allen

Work Order No.:  
C803012

BTEX EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>Cell # 1 3' (C803012-01) Soil</b> Sampled: 03/31/08 10:20 Received: 03/31/08 15:40							
Benzene	ND	0.005	mg/kg	1	04/04/08	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr. Rec.:		113 %					
<b>Cell # 2 3' (C803012-02) Soil</b> Sampled: 03/31/08 10:10 Received: 03/31/08 15:40							
Benzene	ND	0.005	mg/kg	1	04/04/08	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr. Rec.:		111 %					
<b>Cell # 3 3' (C803012-03) Soil</b> Sampled: 03/31/08 10:00 Received: 03/31/08 15:40							
Benzene	ND	0.005	mg/kg	1	04/04/08	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr. Rec.:		111 %					
<b>Cell # 4 3' (C803012-04) Soil</b> Sampled: 03/31/08 09:50 Received: 03/31/08 15:40							
Benzene	ND	0.005	mg/kg	1	04/04/08	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr. Rec.:		112 %					

Approved By  
Argon Laboratories, Inc.

QC Officer

**argon laboratories**

2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety &amp; Environmental Solutions, Inc.

703 E. Clinton Ave

Hobbs, NM 88240

Project Number: ARA-07-001

Project Name: Artesia Aeration

Project Manager: Bob Allen

Work Order No.:

C803012

**BTEX EPA Method 8021B**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>Cell # 5 5' (C803012-05) Soil Sampled: 03/31/08 09:40 Received: 03/31/08 15:40</b>							
Benzene	ND	0.005	mg/kg	1	04/04/08	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr. Rec.:		110 %					
<b>Cell # 6 4' (C803012-06) Soil Sampled: 03/31/08 09:30 Received: 03/31/08 15:40</b>							
Benzene	ND	0.005	mg/kg	1	04/04/08	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr. Rec.:		110 %					

Approved By

Argon Laboratories, Inc.

QC Officer

**argon laboratories**

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Safety &amp; Environmental Solutions, Inc.

703 E. Clinton Ave

Hobbs, NM 88240

Project Number: ARA-07-001

Project Name: Artesia Aeration

Project Manager: Bob Allen

Work Order No.:

C803012

**Total Recoverable Petroleum Hydrocarbons with Silica Gel Clean-Up by IR Spectrometry**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b>Cell # 1 3' (C803012-01) Soil</b> Sampled: 03/31/08 10:20 Received: 03/31/08 15:40							
Total Petroleum Hydrocarbons	ND	20	mg/kg	1	04/07/08	EPA 418.1	
<b>Cell # 2 3' (C803012-02) Soil</b> Sampled: 03/31/08 10:10 Received: 03/31/08 15:40							
Total Petroleum Hydrocarbons	ND	20	mg/kg	1	04/07/08	EPA 418.1	
<b>Cell # 3 3' (C803012-03) Soil</b> Sampled: 03/31/08 10:00 Received: 03/31/08 15:40							
Total Petroleum Hydrocarbons	ND	20	mg/kg	1	04/07/08	EPA 418.1	
<b>Cell # 4 3' (C803012-04) Soil</b> Sampled: 03/31/08 09:50 Received: 03/31/08 15:40							
Total Petroleum Hydrocarbons	ND	20	mg/kg	1	04/07/08	EPA 418.1	
<b>Cell # 5 5' (C803012-05) Soil</b> Sampled: 03/31/08 09:40 Received: 03/31/08 15:40							
Total Petroleum Hydrocarbons	ND	20	mg/kg	1	04/07/08	EPA 418.1	
<b>Cell # 6 4' (C803012-06) Soil</b> Sampled: 03/31/08 09:30 Received: 03/31/08 15:40							
Total Petroleum Hydrocarbons	ND	20	mg/kg	1	04/07/08	EPA 418.1	

Approved By

Argon Laboratories, Inc.


QC Officer

**argon laboratories**

2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc.  
703 E. Clinton Ave  
Hobbs, NM 88240

Project Number: ARA-07-001  
Project Name: Artesia Aeration  
Project Manager: Bob Allen



Work Order No.:  
C803012

**ANALYSIS REPORT - Quality Control****Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
<b>Batch CR00049 - General Prep</b>								
<b>Blank (CR00049-BLK1)</b> Prepared & Analyzed: 04/04/08								
Chloride	ND	10	mg/kg					
<b>LCS (CR00049-BS1)</b> Prepared & Analyzed: 04/04/08								
Chloride	5.30		mg/kg	5.00			106	
<b>LCS Dup (CR00049-BSD1)</b> Prepared & Analyzed: 04/04/08								
Chloride	5.05		mg/kg	5.00			101	5
<b>Matrix Spike (CR00049-MS1)</b> Prepared & Analyzed: 04/04/08								
Chloride	4.55		mg/kg	5.00			91	
<b>Matrix Spike Dup (CR00049-MSD1)</b> Prepared & Analyzed: 04/04/08								
Chloride	4.70		mg/kg	5.00			94	3

Approved By  
Argon Laboratories, Inc.

QC Officer

**argon laboratories**

2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety &amp; Environmental Solutions, Inc.

Project Number: ARA-07-001

703 E. Clinton Ave

Project Name: Artesia Aeration

Work Order No.:

Hobbs, NM 88240

Project Manager: Bob Allen

C803012

**BTEX EPA Method 8021B - Quality Control****Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
<b>Batch CR00051 - EPA 5630B</b>								
<b>Blank (CR00051-BLK1)</b>								
Prepared & Analyzed: 04/04/08								
Surrogate: <i>a,a,a-Trifluorotoluene</i>	0.0455		mg/kg	0.0500		91		
Benzene	ND	0.005	"					
Toluene	ND	0.005	"					
Ethylbenzene	ND	0.005	"					
Xylenes (total)	ND	0.010	"					
<b>LCS (CR00051-BS1)</b>								
Prepared & Analyzed: 04/04/08								
Benzene	0.050		mg/kg	0.0500		100		
<b>LCS Dup (CR00051-BSD1)</b>								
Prepared & Analyzed: 04/04/08								
Benzene	0.056		mg/kg	0.0500		112	11	
<b>Matrix Spike (CR00051-MS1)</b>								
Prepared & Analyzed: 04/04/08								
Toluene	0.048		mg/kg	0.0500		96		
<b>Matrix Spike Dup (CR00051-MSD1)</b>								
Prepared & Analyzed: 04/04/08								
Toluene	0.052		mg/kg	0.0500		104	8	

Approved By

Argon Laboratories, Inc.

QC Officer

**argon laboratories** 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc.  
703 E. Clinton Ave  
Hobbs, NM 88240

Project Number: ARA-07-001  
Project Name: Artesia Aeration  
Project Manager: Bob Allen

Work Order No.:  
C803012

Total Recoverable Petroleum Hydrocarbons with Silica Gel Clean-Up by IR Spectrometry - Quality Control.

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
<b>Batch CR00050 - EPA 3550B</b>								
<b>Blank (CR00050-BLK1)</b>								
Prepared & Analyzed: 04/07/08								
Total Petroleum Hydrocarbons	ND	20	mg/kg					
<b>LCS (CR00050-BS1)</b>								
Prepared & Analyzed: 04/07/08								
Total Petroleum Hydrocarbons	52.0		mg/kg	50.0		104		
<b>LCS Dup (CR00050-BSD1)</b>								
Prepared & Analyzed: 04/07/08								
Total Petroleum Hydrocarbons	53.0		mg/kg	50.0		110	6	
<b>Matrix Spike (CR00050-MS1)</b>								
Prepared & Analyzed: 04/07/08								
Total Petroleum Hydrocarbons	47.0		mg/kg	50.0		94		
<b>Matrix Spike Dup (CR00050-MSD1)</b>								
Prepared & Analyzed: 04/07/08								
Total Petroleum Hydrocarbons	45.0		mg/kg	50.0		90	4	

Approved By  
Argon Laboratories, Inc.

QC Officer



**argon laboratories**

2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc.

703 E. Clinton Ave

Hobbs, NM 88240

Project Number: ARA-07-001

Project Name: Artesia Aeration

Project Manager: Bob Allen

Work Order No.:

C803012

**Notes and Definitions**

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

Approved By  
Argon Laboratories, Inc.

QC Officer

TRANSACTION REPORT

P.01

APR-18-2008 FRI 09:28 AM

FOR:

RECEIVE

DATE	START	SENDER	RX TIME	PAGES	TYPE	NOTE	M#	DP
APR-18	09:24 AM	5053923085	3' 42"	13	RECEIVE	OK		

\*\*\*\*\*