Scanned by	Date	Doc ID #
DCH	8/15/08	5561

evergreen packaging

Blue Ridge Paper Products Inc. - Canton Mill

July 16, 2008

RECEIVED JUL 21 2008

RECEIVED JUL 22 2008 SOLID WASTE SECTION

Mr. Matt Gamble
North Carolina Department of Environment
and Natural Resources
Solid Waste Section
PO Box 27687
Raleigh, North Carolina 27611-7687

Dear Mr. Gamble:

Please find enclosed information related to the sampling of groundwater and surface water at Blue Ridge Paper Products Landfill Number 6 (Permit No. 44-06). The sampling was conducted between May 19 and May 22, 2008. The analytical results were received in my office on July 3, 2008.

Enclosed are the following:

- Results of chemical analysis performed on groundwater, surface water, leachate, and Area 6A underflow samples.
- Chain-of custody records.
- A CD with the electronic version of the report.

If you have any questions, please feel free to call.

Sincerely,

James A. Giauque
Waste Compliance & Landfill Supervisor
Blue Ridge Paper Products Inc.
giauqj@blueridgepaper.com
828-646-2028 Fax 828-646-6892

Paul Dickens
Manager Environmental Affairs
Blue Ridge Paper Products Inc.
dickep@blueridgepaper.com
828-646-6141 Fax 828-646-6892

Enclosures

file:mwdata071608

ROGERS & CALLCOTT
LABORATORY SERVICES

P.O. Box 5655, Greenville, SC 29606
Phone: (864) 232-1556 - FAX: (864) 232-6140

AN EMPLOYEE-OWNED COMPANY

Laboratory Services Report

Client: Blue Ridge Paper Products
Attention Jim Giaque
175 Main Street
Canton NC 28716

Date Received: 05/20/2008
Time Received: 07:30
Date Reported: 06/27/2008

South Carolina Laboratory Identification 23105
North Carolina Laboratory Certificate Number 27
NELAP Laboratory Identification E87822

Sample Number	*Sample Description*
AC34278	Blue Ridge Paper Co. Pigeon R Down grab, collected on 05/19/2008 at 14:35
AC34279	Blue Ridge Paper Co. BB-Up grab, collected on 05/19/2008 at 15:15
AC34280	Blue Ridge Paper Co. BB-Down grab, collected on 05/19/2008 at 15:50
AC34281	Blue Ridge Paper Co. BB-3 grab, collected on 05/19/2008 at 16:08
AC34282	Blue Ridge Paper Co. BB-4 grab, collected on 05/19/2008 at 16:24
AC34283	Blue Ridge Paper Co. Pigeon R Up grab, collected on 05/19/2008 at 16:40

The attached report is for the samples that were received and are referenced above. Rogers and Callcott maintains a formal QA/QC program. Unless otherwise noted, all analyses performed under NELAP certification have complied with all the requirements of the NELAC standard. The analyses met the QA/QC confidence interval for each test method unless otherwise qualified. Estimated uncertainty available upon request.

We appreciate the opportunity to be of service to you. Please contact us at (864) 232-1556 should you have any questions about this report.

Results released by: Amy J. Amey
authorized signature

Results reviewed by:

This report may not be reproduced, except in full, without written permission from Rogers & Callcott, Inc.

Sample Number	Sample Description, Date and Time Collected
AC34278	Blue Ridge Paper Co. Pigeon R Down grab, collected on 05/19/2008 at 14:35

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		
Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.							
pH (Field)	7.2	pH units		0.1	05/19/2008 14:35	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	502	umhos/cm		10	05/19/2008 14:35	JHF	SM 2510B
Temperature (Field)	21.3	degrees C		0.1	05/19/2008 14:35	JHF	SM 2550B
Turbidity (Field)	4.7	NTU		1.0	05/19/2008 14:35	JHF	Field Screen
Nitrate-Nitrite as N	< RDL	mg/l		0.2	05/23/2008 12:09	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	05/21/2008 10:30	WLD	SM 4500NO2B
Total Dissolved Solids	324	mg/l		25	05/26/2008 11:30	JRS	SM 2540C
Total Organic Carbon	6.0	mg/l		1.0	05/26/2008 20:30	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	05/29/2008 08:30	WLD	EPA 420.1
Chloride	43	mg/L		2.0	06/05/2008 01:33	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	06/12/2008 16:17	LBW	EPA 300.0
Sulfate	94	mg/l		2.0	06/05/2008 01:33	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Barium	0.03	mg/l		0.01	05/21/2008 10:54	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/21/2008 11:21	MJH	EPA 200.8
Calcium	7.7	mg/l		0.10	05/21/2008 10:54	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Iron	0.12	mg/l		0.05	05/21/2008 10:54	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Magnesium	1.4	mg/l		0.10	05/21/2008 10:54	MER	EPA 200.7
Manganese ICPMS	0.089	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	06/05/2008 11:23	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Potassium	6.5	mg/l		0.5	05/21/2008 10:54	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/21/2008 11:21	MJH	EPA 200.8
Sodium	86	mg/l		0.50	05/21/2008 10:54	MER	EPA 200.7
Zinc	< RDL	mg/l		0.01	05/21/2008 10:54	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34279	Blue Ridge Paper Co. BB-Up grab, collected on 05/19/2008 at 15:15

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		
Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.							
pH (Field)	7.1	pH units		0.1	05/19/2008 15:15	JHF	SM 4500HB

Sample Number	Sample Description, Date and Time Collected
AC34279	Blue Ridge Paper Co. BB-Up grab, collected on 05/19/2008 at 15:15

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Specific Conductance at 25 C (Field)	68	umhos/cm		10	05/19/2008 15:15	JHF	SM 2510B
Temperature (Field)	19.6	degrees C		0.1	05/19/2008 15:15	JHF	SM 2550B
Turbidity (Field)	7.2	NTU		1.0	05/19/2008 15:15	JHF	Field Screen
Nitrate-Nitrite as N	0.53	mg/l		0.2	05/23/2008 12:19	MEA	SM 4500NO3H
Nitrite as N	0.01	mg/l		0.01	05/21/2008 10:30	WLD	SM 4500NO2B
Total Dissolved Solids	69	mg/l		25	05/26/2008 11:30	JRS	SM 2540C
Total Organic Carbon	1.6	mg/l		1.0	05/26/2008 20:49	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	05/29/2008 08:30	WLD	EPA 420.1
Chloride	3.1	mg/L		2.0	06/05/2008 02:29	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	06/05/2008 02:29	LBW	EPA 300.0
Sulfate	3.1	mg/l		2.0	06/05/2008 02:29	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Barium	0.03	mg/l		0.01	05/21/2008 10:54	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/21/2008 11:21	MJH	EPA 200.8
Calcium	4.7	mg/l		0.10	05/21/2008 10:54	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Iron	0.77	mg/l		0.05	05/21/2008 10:54	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Magnesium	1.8	mg/l		0.10	05/21/2008 10:54	MER	EPA 200.7
Manganese ICPMS	0.061	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	06/05/2008 11:30	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Potassium	3.0	mg/l		0.5	05/21/2008 10:54	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/21/2008 11:21	MJH	EPA 200.8
Sodium	4.2	mg/l		0.50	05/21/2008 10:54	MER	EPA 200.7
Zinc	< RDL	mg/l		0.01	05/21/2008 10:54	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34280	Blue Ridge Paper Co. BB-Down grab, collected on 05/19/2008 at 15:50

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.

pH (Field)	7.2	pH units		0.1	05/19/2008 15:50	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	120	umhos/cm		10	05/19/2008 15:50	JHF	SM 2510B
Temperature (Field)	18.7	degrees C		0.1	05/19/2008 15:50	JHF	SM 2550B
Turbidity (Field)	178	NTU		1.0	05/19/2008 15:50	JHF	Field Screen
Nitrate-Nitrite as N	0.58	mg/l		0.2	05/23/2008 12:42	MEA	SM 4500NO3H

Sample Number	Sample Description, Date and Time Collected
AC34280	Blue Ridge Paper Co. BB-Down grab, collected on 05/19/2008 at 15:50

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrite as N	0.01	mg/l		0.01	05/21/2008 10:30	WLD	SM 4500NO2B
Total Dissolved Solids	110	mg/l		25	05/26/2008 11:30	JRS	SM 2540C
Total Organic Carbon	1.7	mg/l		1.0	05/26/2008 21:08	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	05/29/2008 08:30	WLD	EPA 420.1
Chloride	9.0	mg/L		2.0	06/05/2008 03:25	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	06/05/2008 03:25	LBW	EPA 300.0
Sulfate	8.1	mg/l		2.0	06/05/2008 03:25	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Barium	0.10	mg/l		0.01	05/21/2008 10:54	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/21/2008 11:21	MJH	EPA 200.8
Calcium	12	mg/l		0.10	05/21/2008 10:54	MER	EPA 200.7
Chromium ICPMS	0.005	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Iron	6.8	mg/l		0.05	05/21/2008 10:54	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Magnesium	3.8	mg/l		0.10	05/21/2008 10:54	MER	EPA 200.7
Manganese ICPMS	0.202	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	06/12/2008 09:18	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Potassium	6.1	mg/l		0.5	05/21/2008 10:54	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/21/2008 11:21	MJH	EPA 200.8
Sodium	9.0	mg/l		0.50	05/21/2008 10:54	MER	EPA 200.7
Zinc	0.05	mg/l		0.01	05/21/2008 10:54	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34281	Blue Ridge Paper Co. BB-3 grab, collected on 05/19/2008 at 16:08

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.

pH (Field)	7.5	pH units		0.1	05/19/2008 16:08	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	106	umhos/cm		10	05/19/2008 16:08	JHF	SM 2510B
Temperature (Field)	18.0	degrees C		0.1	05/19/2008 16:08	JHF	SM 2550B
Turbidity (Field)	7.4	NTU		1.0	05/19/2008 16:08	JHF	Field Screen
Nitrate-Nitrite as N	0.65	mg/l		0.2	05/23/2008 12:19	MEA	SM 4500NO3H
Nitrite as N	0.02	mg/l		0.01	05/21/2008 10:30	WLD	SM 4500NO2B
Total Dissolved Solids	88	mg/l		25	05/26/2008 11:30	JRS	SM 2540C
Total Organic Carbon	1.9	mg/l		1.0	05/26/2008 21:27	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	05/29/2008 08:30	WLD	EPA 420.1

Sample Number	Sample Description, Date and Time Collected
AC34281	Blue Ridge Paper Co. BB-3 grab, collected on 05/19/2008 at 16:08

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Chloride	5.1	mg/L		2.0	06/05/2008 03:53	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	06/05/2008 03:53	LBW	EPA 300.0
Sulfate	9.1	mg/l		2.0	06/05/2008 03:53	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Barium	0.03	mg/l		0.01	05/21/2008 10:54	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/21/2008 11:21	MJH	EPA 200.8
Calcium	5.9	mg/l		0.10	05/21/2008 10:54	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Iron	0.72	mg/l		0.05	05/21/2008 10:54	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Magnesium	2.2	mg/l		0.10	05/21/2008 10:54	MER	EPA 200.7
Manganese ICPMS	0.062	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	06/05/2008 11:33	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Potassium	3.5	mg/l		0.5	05/21/2008 10:54	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/21/2008 11:21	MJH	EPA 200.8
Sodium	9.7	mg/l		0.50	05/21/2008 10:54	MER	EPA 200.7
Zinc	< RDL	mg/l		0.01	05/21/2008 10:54	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34282	Blue Ridge Paper Co. BB-4 grab, collected on 05/19/2008 at 16:24

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.

pH (Field)	7.6	pH units		0.1	05/19/2008 16:24	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	129	umhos/cm		10	05/19/2008 16:24	JHF	SM 2510B
Temperature (Field)	18.1	degrees C		0.1	05/19/2008 16:24	JHF	SM 2550B
Turbidity (Field)	6.4	NTU		1.0	05/19/2008 16:24	JHF	Field Screen
Nitrate-Nitrite as N	0.73	mg/l		0.2	05/23/2008 12:19	MEA	SM 4500NO3H
Nitrite as N	0.02	mg/l		0.01	05/21/2008 10:30	WLD	SM 4500NO2B
Total Dissolved Solids	109	mg/l		25	05/26/2008 11:30	JRS	SM 2540C
Total Organic Carbon	1.8	mg/l		1.0	05/26/2008 21:47	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	05/29/2008 08:30	WLD	EPA 420.1
Chloride	5.7	mg/L		2.0	06/05/2008 04:49	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	06/12/2008 16:39	LBW	EPA 300.0
Sulfate	14	mg/l		2.0	06/05/2008 04:49	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8

Sample Number	Sample Description, Date and Time Collected
AC34282	Blue Ridge Paper Co. BB-4 grab, collected on 05/19/2008 at 16:24

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Barium	0.03	mg/l		0.01	05/21/2008 10:54	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/21/2008 11:21	MJH	EPA 200.8
Calcium	6.4	mg/l		0.10	05/21/2008 10:54	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Iron	0.77	mg/l		0.05	05/21/2008 10:54	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Magnesium	2.3	mg/l		0.10	05/21/2008 10:54	MER	EPA 200.7
Manganese ICPMS	0.072	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	06/12/2008 09:25	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Potassium	3.7	mg/l		0.5	05/21/2008 10:54	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/21/2008 11:21	MJH	EPA 200.8
Sodium	15	mg/l		0.50	05/21/2008 10:54	MER	EPA 200.7
Zinc	0.04	mg/l		0.01	05/21/2008 10:54	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34283	Blue Ridge Paper Co. Pigeon R Up grab, collected on 05/19/2008 at 16:40

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.

pH (Field)	8.0	pH units		0.1	05/19/2008 16:40	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	574	umhos/cm		10	05/19/2008 16:40	JHF	SM 2510B
Temperature (Field)	20.8	degrees C		0.1	05/19/2008 16:40	JHF	SM 2550B
Turbidity (Field)	2.7	NTU		1.0	05/19/2008 16:40	JHF	Field Screen
Nitrate-Nitrite as N	< RDL	mg/l		0.2	05/23/2008 12:09	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	05/21/2008 10:30	WLD	SM 4500NO2B
Total Dissolved Solids	378	mg/l		25	05/26/2008 11:30	JRS	SM 2540C
Total Organic Carbon	6.8	mg/l		1.0	05/26/2008 22:10	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	05/29/2008 08:30	WLD	EPA 420.1
Chloride	46	mg/L		2.0	06/05/2008 05:17	LBW	EPA 300.0
Fluoride	0.11	mg/l		0.1	06/12/2008 17:01	LBW	EPA 300.0
Sulfate	106	mg/l		2.0	06/05/2008 05:17	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Barium	0.03	mg/l		0.01	05/21/2008 10:54	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/21/2008 11:21	MJH	EPA 200.8
Calcium	7.3	mg/l		0.10	05/21/2008 10:54	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8

Sample Number	Sample Description, Date and Time Collected
AC34283	Blue Ridge Paper Co. Pigeon R Up grab, collected on 05/19/2008 at 16:40

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Copper ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Iron	0.13	mg/l		0.05	05/21/2008 10:54	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Magnesium	1.4	mg/l		0.10	05/21/2008 10:54	MER	EPA 200.7
Manganese ICPMS	0.098	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	06/12/2008 09:28	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Potassium	7.4	mg/l		0.5	05/21/2008 10:54	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/21/2008 11:21	MJH	EPA 200.8
Sodium	120	mg/l		0.50	05/21/2008 10:54	MER	EPA 200.7
Zinc	< RDL	mg/l		0.01	05/21/2008 10:54	MER	EPA 200.7

ROGERS & CALLCOTT
LABORATORY SERVICES

P.O. Box 5655, Greenville, SC 29606
Phone: (864) 232-1556 - FAX: (864) 232-6140

AN EMPLOYEE-OWNED COMPANY

Laboratory Services Report

Client: Blue Ridge Paper Products
Attention Jim Giaque
175 Main Street
Canton NC 28716

Date Received: 05/20/2008
Time Received: 07:30
Date Reported: 06/27/2008

South Carolina Laboratory Identification 23105
North Carolina Laboratory Certificate Number 27
NELAP Laboratory Identification E87822

Sample Number	*Sample Description*
AC34284	Blue Ridge Paper Co. MW-17 grab, collected on 05/19/2008 at 13:33
AC34285	Blue Ridge Paper Co. MW-20 grab, collected on 05/19/2008 at 14:17
AC34286	Blue Ridge Paper Co. MW-14 grab, collected on 05/19/2008 at 15:28
AC34287	Blue Ridge Paper Co. MW-14 grab, collected on 05/19/2008 at 15:31
AC34288	Blue Ridge Paper Co. MW-14 grab, collected on 05/19/2008 at 15:37
AC34289	Blue Ridge Paper Co. MW-14 grab, collected on 05/19/2008 at 15:40
AC34290	Blue Ridge Paper Co. MW-14 grab, collected on 05/19/2008 at 15:42
AC34291	Blue Ridge Paper Co. MW-14 grab, collected on 05/19/2008 at 15:54
AC34292	Blue Ridge Paper Co. MW-10 grab, collected on 05/19/2008 at 16:20

The attached report is for the samples that were received and are referenced above. Rogers and Callcott maintains a formal QA/QC program. Unless otherwise noted, all analyses performed under NELAP certification have complied with all the requirements of the NELAC standard. The analyses met the QA/QC confidence interval for each test method unless otherwise qualified. Estimated uncertainty available upon request.

We appreciate the opportunity to be of service to you. Please contact us at (864) 232-1556 should you have any questions about this report.

Results released by: Amy Z. Asnelly
authorized signature

Results reviewed by: L

This report may not be reproduced, except in full, without written permission from Rogers & Callcott, Inc.

Sample Number	Sample Description, Date and Time Collected
AC34284	Blue Ridge Paper Co. MW-17 grab, collected on 05/19/2008 at 13:33

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		
Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.							
Depth to water	47.45	feet			05/20/2008 18:10	JHF	
Monitoring well sampling >2 inch well	Completed				05/19/2008 13:33	JHF	
pH (Field)	6.3	pH units		0.1	05/19/2008 13:33	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	36	umhos/cm		10	05/19/2008 13:33	JHF	SM 2510B
Temperature (Field)	16.2	degrees C		0.1	05/19/2008 13:33	JHF	SM 2550B
Turbidity (Field)	3.8	NTU		1.0	05/19/2008 13:33	JHF	Field Screen
Nitrate-Nitrite as N	0.34	mg/l		0.2	06/16/2008 14:36	MGR	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	05/21/2008 10:30	WLD	SM 4500NO2B
Total Dissolved Solids	44	mg/l		25	05/26/2008 11:30	JRS	SM 2540C
Total Organic Carbon	< RDL	mg/l		0.5	05/26/2008 22:26	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	05/29/2008 08:30	WLD	EPA 420.1
Chloride	< RDL	mg/L		1.0	06/04/2008 21:49	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	06/04/2008 21:49	LBW	EPA 300.0
Sulfate	3.3	mg/l		2.0	06/04/2008 21:49	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Barium	< RDL	mg/l		0.01	05/21/2008 10:54	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/21/2008 11:21	MJH	EPA 200.8
Calcium	1.5	mg/l		0.10	05/21/2008 10:54	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Iron	< RDL	mg/l		0.05	05/21/2008 10:54	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Magnesium	0.99	mg/l		0.10	05/21/2008 10:54	MER	EPA 200.7
Manganese ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	06/05/2008 11:40	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Potassium	1.2	mg/l		0.5	05/21/2008 10:54	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/21/2008 11:21	MJH	EPA 200.8
Sodium	1.7	mg/l		0.50	05/21/2008 10:54	MER	EPA 200.7
Zinc	< RDL	mg/l		0.01	05/21/2008 10:54	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34285	Blue Ridge Paper Co. MW-20 grab, collected on 05/19/2008 at 14:17

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		

Sample Number	Sample Description, Date and Time Collected
AC34285	Blue Ridge Paper Co. MW-20 grab, collected on 05/19/2008 at 14:17

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.							
Depth to water	45.70	feet			05/20/2008 17:19	JHF	
Monitoring well sampling >2 inch well	Completed				05/19/2008 14:17	JHF	
pH (Field)	6.6	pH units		0.1	05/19/2008 14:16	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	86	umhos/cm		10	05/19/2008 14:16	JHF	SM 2510B
Temperature (Field)	15.3	degrees C		0.1	05/19/2008 14:16	JHF	SM 2550B
Turbidity (Field)	3.1	NTU		1.0	05/19/2008 14:09	JHF	Field Screen
Nitrate-Nitrite as N	< RDL	mg/l		0.2	06/16/2008 14:51	MGR	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	05/21/2008 10:30	WLD	SM 4500NO2B
Total Dissolved Solids	67	mg/l		25	05/26/2008 11:30	JRS	SM 2540C
Total Organic Carbon	< RDL	mg/l		0.5	05/26/2008 22:42	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	05/29/2008 08:30	WLD	EPA 420.1
Chloride	2.5	mg/L		1.0	06/05/2008 02:01	LBW	EPA 300.0
Fluoride	0.13	mg/l		0.1	06/12/2008 13:30	LBW	EPA 300.0
Sulfate	14	mg/l		2.0	06/05/2008 02:01	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Barium	< RDL	mg/l		0.01	05/21/2008 10:54	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/21/2008 11:21	MJH	EPA 200.8
Calcium	3.7	mg/l		0.10	05/21/2008 10:54	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Iron	5.5	mg/l		0.05	05/21/2008 10:54	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Magnesium	1.8	mg/l		0.10	05/21/2008 10:54	MER	EPA 200.7
Manganese ICPMS	0.019	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	06/05/2008 11:42	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Potassium	2.5	mg/l		0.5	05/21/2008 10:54	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/21/2008 11:21	MJH	EPA 200.8
Sodium	4.6	mg/l		0.50	05/21/2008 10:54	MER	EPA 200.7
Zinc	< RDL	mg/l		0.01	05/21/2008 10:54	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34286	Blue Ridge Paper Co. MW-14 grab, collected on 05/19/2008 at 15:28

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Depth to water	28.71	feet			05/20/2008 17:28	JHF	
Monitoring well sampling 2 inch well	Completed				05/19/2008 15:28	JHF	
pH (Field)	6.2	pH units		0.1	05/19/2008 15:25	JHF	SM 4500HB

Sample Number	Sample Description, Date and Time Collected
AC34286	Blue Ridge Paper Co. MW-14 grab, collected on 05/19/2008 at 15:28

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Specific Conductance at 25 C (Field)	200	umhos/cm		10	05/19/2008 15:25	JHF	SM 2510B
Temperature (Field)	16.9	degrees C		0.1	05/19/2008 15:25	JHF	SM 2550B
Turbidity (Field)	11	NTU		1.0	05/19/2008 15:25	JHF	Field Screen
Total Organic Carbon	< RDL	mg/l		0.5	05/27/2008 00:07	JRS	SM 5310C

Sample Number	Sample Description, Date and Time Collected
AC34287	Blue Ridge Paper Co. MW-14 grab, collected on 05/19/2008 at 15:31

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrate-Nitrite as N	1.2	mg/l		0.2	06/16/2008 14:51	MGR	SM 4500NO3H
Total Recoverable Phenols	< RDL	mg/l		0.005	05/29/2008 08:30	WLD	EPA 420.1

Sample Number	Sample Description, Date and Time Collected
AC34288	Blue Ridge Paper Co. MW-14 grab, collected on 05/19/2008 at 15:37

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Arsenic ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Barium	0.14	mg/l		0.01	05/21/2008 10:54	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/21/2008 11:21	MJH	EPA 200.8
Calcium	18	mg/l		0.10	05/21/2008 10:54	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Iron	0.18	mg/l		0.05	05/21/2008 10:54	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Magnesium	5.4	mg/l		0.10	05/21/2008 10:54	MER	EPA 200.7
Manganese ICPMS	0.015	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Nickel ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Potassium	3.2	mg/l		0.5	05/21/2008 10:54	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/21/2008 11:21	MJH	EPA 200.8
Sodium	8.9	mg/l		0.50	05/21/2008 10:54	MER	EPA 200.7
Zinc	< RDL	mg/l		0.01	05/21/2008 10:54	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34289	Blue Ridge Paper Co. MW-14 grab, collected on 05/19/2008 at 15:40

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Mercury	< RDL	mg/l		0.0002	06/12/2008 09:30	LBW	EPA 245.1

Sample Number	Sample Description, Date and Time Collected
AC34290	Blue Ridge Paper Co. MW-14 grab, collected on 05/19/2008 at 15:42

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrite as N	< RDL	mg/l		0.01	05/21/2008 10:30	WLD	SM 4500NO2B
Total Dissolved Solids	158	mg/l		25	05/26/2008 11:30	JRS	SM 2540C
Chloride	24	mg/L		2.0	06/05/2008 02:57	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	06/05/2008 12:04	LBW	EPA 300.0
Sulfate	2.1	mg/l		1.0	06/05/2008 12:04	LBW	EPA 300.0

Sample Number	Sample Description, Date and Time Collected
AC34291	Blue Ridge Paper Co. MW-14 grab, collected on 05/19/2008 at 15:54

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.

Sample Number	Sample Description, Date and Time Collected
AC34292	Blue Ridge Paper Co. MW-10 grab, collected on 05/19/2008 at 16:20

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.

Depth to water	38.58	feet			05/20/2008 17:50	JHF	
Monitoring well sampling 2 inch well	Completed				05/19/2008 16:20	JHF	
pH (Field)	6.3	pH units		0.1	05/19/2008 16:17	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	36	umhos/cm		10	05/19/2008 16:17	JHF	SM 2510B
Temperature (Field)	13.4	degrees C		0.1	05/19/2008 16:17	JHF	SM 2550B
Turbidity (Field)	5.2	NTU		1.0	05/19/2008 16:17	JHF	Field Screen
Nitrate-Nitrite as N	< RDL	mg/l		0.2	06/16/2008 14:51	MGR	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	05/21/2008 10:30	WLD	SM 4500NO2B
Total Dissolved Solids	38	mg/l		25	05/26/2008 11:30	JRS	SM 2540C
Total Organic Carbon	< RDL	mg/l		0.5	05/27/2008 00:23	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	06/02/2008 08:00	WLD	EPA 420.1
Chloride	< RDL	mg/L		1.0	06/05/2008 04:21	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	06/05/2008 04:21	LBW	EPA 300.0
Sulfate	2.0	mg/l		1.0	06/05/2008 04:21	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Barium	0.01	mg/l		0.01	05/21/2008 10:54	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/21/2008 11:21	MJH	EPA 200.8
Calcium	2.0	mg/l		0.10	05/21/2008 10:54	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8

Sample Number	Sample Description, Date and Time Collected
AC34292	Blue Ridge Paper Co. MW-10 grab, collected on 05/19/2008 at 16:20

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Copper ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Iron	0.24	mg/l		0.05	05/21/2008 10:54	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Magnesium	1.5	mg/l		0.10	05/21/2008 10:54	MER	EPA 200.7
Manganese ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	06/05/2008 11:50	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Potassium	1.0	mg/l		0.5	05/21/2008 10:54	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/21/2008 11:21	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/21/2008 11:21	MJH	EPA 200.8
Sodium	1.5	mg/l		0.50	05/21/2008 10:54	MER	EPA 200.7
Zinc	< RDL	mg/l		0.01	05/21/2008 10:54	MER	EPA 200.7

ROGERS & CALLCOTT
LABORATORY SERVICES

P.O. Box 5655, Greenville, SC 29606
Phone: (864) 232-1556 - FAX: (864) 232-6140

AN EMPLOYEE-OWNED COMPANY

Laboratory Services Report

Client: Blue Ridge Paper Products
Attention Jim Giaque
175 Main Street
Canton NC 28716

Date Received: 05/21/2008
Time Received: 13:30
Date Reported: 06/26/2008

South Carolina Laboratory Identification 23105
North Carolina Laboratory Certificate Number 27
NELAP Laboratory Identification E87822

Sample Number	*Sample Description*
AC34508	Blue Ridge Paper Co. MW-15 grab, collected on 05/20/2008 at 08:58
AC34509	Blue Ridge Paper Co. MW-15 grab, collected on 05/20/2008 at 09:00
AC34510	Blue Ridge Paper Co. MW-15 grab, collected on 05/20/2008 at 09:05
AC34511	Blue Ridge Paper Co. MW-15 grab, collected on 05/20/2008 at 09:07
AC34512	Blue Ridge Paper Co. MW-15 grab, collected on 05/20/2008 at 09:16
AC34513	Blue Ridge Paper Co. MW-15 grab, collected on 05/20/2008 at 09:30
AC34514	Blue Ridge Paper Co. MW-9 grab, collected on 05/20/2008 at 10:25
AC34515	Blue Ridge Paper Co. MW-1A grab, collected on 05/20/2008 at 11:05

The attached report is for the samples that were received and are referenced above. Rogers and Callcott maintains a formal QA/QC program. Unless otherwise noted, all analyses performed under NELAP certification have complied with all the requirements of the NELAC standard. The analyses met the QA/QC confidence interval for each test method unless otherwise qualified. Estimated uncertainty available upon request.

We appreciate the opportunity to be of service to you. Please contact us at (864) 232-1556 should you have any questions about this report.

Results released by: Amy Z. Ashley
authorized signature

Results reviewed by:

This report may not be reproduced, except in full, without written permission from Rogers & Callcott, Inc.

Sample Number	Sample Description, Date and Time Collected
AC34508	Blue Ridge Paper Co. MW-15 grab, collected on 05/20/2008 at 08:58

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Depth to water	27.50	feet			05/19/2008 17:34	JHF	
Monitoring well sampling 2 inch well	Completed				05/20/2008 08:58	JHF	
pH (Field)	5.9	pH units		0.1	05/20/2008 08:56	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	40	umhos/cm		10	05/20/2008 08:56	JHF	SM 2510B
Temperature (Field)	14.9	degrees C		0.1	05/20/2008 08:56	JHF	SM 2550B
Turbidity (Field)	47	NTU		1.0	05/20/2008 08:56	JHF	Field Screen
Total Organic Carbon	< RDL	mg/l		0.5	05/27/2008 00:38	JRS	SM 5310C

Sample Number	Sample Description, Date and Time Collected
AC34509	Blue Ridge Paper Co. MW-15 grab, collected on 05/20/2008 at 09:00

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Arsenic ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Barium	0.04	mg/l		0.01	05/22/2008 10:53	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/22/2008 10:15	MJH	EPA 200.8
Calcium	3.2	mg/l		0.10	05/22/2008 10:53	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Iron	0.69	mg/l		0.05	05/22/2008 10:53	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Magnesium	1.2	mg/l		0.10	05/22/2008 10:53	MER	EPA 200.7
Manganese ICPMS	0.023	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Nickel ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Potassium	1.4	mg/l		0.5	05/22/2008 10:53	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/22/2008 10:15	MJH	EPA 200.8
Sodium	2.5	mg/l		0.50	05/22/2008 10:53	MER	EPA 200.7
Zinc	< RDL	mg/l		0.01	05/22/2008 10:53	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34510	Blue Ridge Paper Co. MW-15 grab, collected on 05/20/2008 at 09:05

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Mercury	< RDL	mg/l		0.0002	06/12/2008 09:38	LBW	EPA 245.1

Sample Number	Sample Description, Date and Time Collected
AC34511	Blue Ridge Paper Co. MW-15 grab, collected on 05/20/2008 at 09:07

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrate-Nitrite as N	0.26	mg/l	K	0.2	06/18/2008 13:39	MEA	SM 4500NO3H

Sample Number	Sample Description, Date and Time Collected
AC34511	Blue Ridge Paper Co. MW-15 grab, collected on 05/20/2008 at 09:07

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Total Recoverable Phenols	< RDL	mg/l		0.005	06/02/2008 08:00	WLD	EPA 420.1

Sample Number	Sample Description, Date and Time Collected
AC34512	Blue Ridge Paper Co. MW-15 grab, collected on 05/20/2008 at 09:16

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrite as N	< RDL	mg/l		0.01	05/22/2008 11:00	WLD	SM 4500NO2B
Total Dissolved Solids	61	mg/l		25	05/27/2008 08:20	JRS	SM 2540C
Chloride	< RDL	mg/L		1.0	06/05/2008 06:41	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	06/05/2008 06:41	LBW	EPA 300.0
Sulfate	< RDL	mg/l		1.0	06/05/2008 06:41	LBW	EPA 300.0

Sample Number	Sample Description, Date and Time Collected
AC34513	Blue Ridge Paper Co. MW-15 grab, collected on 05/20/2008 at 09:30

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.

Sample Number	Sample Description, Date and Time Collected
AC34514	Blue Ridge Paper Co. MW-9 grab, collected on 05/20/2008 at 10:25

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.

Depth to water	41.20	feet			05/19/2008 17:55	JHF	
Monitoring well sampling 2 inch well	Completed				05/20/2008 10:25	JHF	
pH (Field)	6.1	pH units		0.1	05/20/2008 10:25	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	34	umhos/cm		10	05/20/2008 10:25	JHF	SM 2510B
Temperature (Field)	15.2	degrees C		0.1	05/20/2008 10:25	JHF	SM 2550B
Turbidity (Field)	28	NTU		1.0	05/20/2008 10:25	JHF	Field Screen
Nitrate-Nitrite as N	0.45	mg/l	K	0.2	06/18/2008 14:06	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	05/22/2008 11:00	WLD	SM 4500NO2B
Total Dissolved Solids	54	mg/l		25	05/27/2008 08:20	JRS	SM 2540C
Total Organic Carbon	< RDL	mg/l		0.5	05/27/2008 00:55	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	06/02/2008 08:00	WLD	EPA 420.1
Chloride	< RDL	mg/L		1.0	06/05/2008 07:09	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	06/05/2008 07:09	LBW	EPA 300.0

Sample Number	Sample Description, Date and Time Collected
AC34514	Blue Ridge Paper Co. MW-9 grab, collected on 05/20/2008 at 10:25

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Sulfate	2.3	mg/l		1.0	06/05/2008 07:09	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	06/13/2008 09:12	MJH	EPA 200.8
Barium	< RDL	mg/l		0.01	05/22/2008 10:53	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	06/13/2008 09:12	MJH	EPA 200.8
Calcium	1.8	mg/l		0.10	05/22/2008 10:53	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l	X	0.01	06/13/2008 09:12	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	06/13/2008 09:12	MJH	EPA 200.8
Iron	< RDL	mg/l		0.05	05/22/2008 10:53	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	06/13/2008 09:12	MJH	EPA 200.8
Magnesium	1.0	mg/l		0.10	05/22/2008 10:53	MER	EPA 200.7
Manganese ICPMS	0.021	mg/l		0.005	06/13/2008 09:12	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	06/12/2008 09:40	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	06/13/2008 09:12	MJH	EPA 200.8
Potassium	1.4	mg/l		0.5	05/22/2008 10:53	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	06/13/2008 09:12	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	06/13/2008 09:12	MJH	EPA 200.8
Sodium	1.7	mg/l		0.50	05/22/2008 10:53	MER	EPA 200.7
Zinc	< RDL	mg/l		0.01	05/22/2008 10:53	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34515	Blue Ridge Paper Co. MW-1A grab, collected on 05/20/2008 at 11:05

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.

Depth to water	60.30	feet			05/19/2008 18:24	JHF	
Monitoring well sampling 2 inch well	Completed				05/20/2008 11:05	JHF	
pH (Field)	6.0	pH units		0.1	05/19/2008 18:49	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	30	umhos/cm		10	05/19/2008 18:49	JHF	SM 2510B
Temperature (Field)	12.9	degrees C		0.1	05/19/2008 18:49	JHF	SM 2550B
Turbidity (Field)	68	NTU		1.0	05/20/2008 11:05	JHF	Field Screen
Nitrate-Nitrite as N	< RDL	mg/l	K	0.2	06/18/2008 13:39	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	05/22/2008 11:00	WLD	SM 4500NO2B
Total Dissolved Solids	61	mg/l		25	05/27/2008 08:20	JRS	SM 2540C
Total Organic Carbon	0.68	mg/l		0.5	05/27/2008 01:11	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	06/02/2008 08:00	WLD	EPA 420.1
Chloride	< RDL	mg/L		1.0	06/05/2008 07:37	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	06/05/2008 07:37	LBW	EPA 300.0
Sulfate	< RDL	mg/l		1.0	06/05/2008 07:37	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8

Sample Number	Sample Description, Date and Time Collected
AC34515	Blue Ridge Paper Co. MW-1A grab, collected on 05/20/2008 at 11:05

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Barium	0.08	mg/l		0.01	05/22/2008 10:53	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/22/2008 10:15	MJH	EPA 200.8
Calcium	2.4	mg/l		0.10	05/22/2008 10:53	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Iron	1.4	mg/l		0.05	05/22/2008 10:53	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Magnesium	1.2	mg/l		0.10	05/22/2008 10:53	MER	EPA 200.7
Manganese ICPMS	0.011	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	06/12/2008 09:43	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Potassium	1.5	mg/l		0.5	05/22/2008 10:53	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/22/2008 10:15	MJH	EPA 200.8
Sodium	1.7	mg/l		0.50	05/22/2008 10:53	MER	EPA 200.7
Zinc	< RDL	mg/l		0.01	05/22/2008 10:53	MER	EPA 200.7

ROGERS & CALLCOTT
LABORATORY SERVICES

P.O. Box 5655, Greenville, SC 29606
Phone: (864) 232-1556 - FAX: (864) 232-6140

AN EMPLOYEE-OWNED COMPANY

Laboratory Services Report

Client: Blue Ridge Paper Products
Attention Jim Giaque
175 Main Street
Canton NC 28716

Date Received: 05/21/2008
Time Received: 13:30
Date Reported: 06/26/2008

South Carolina Laboratory Identification 23105
North Carolina Laboratory Certificate Number 27
NELAP Laboratory Identification E87822

Sample Number	*Sample Description*
AC34516	Blue Ridge Paper Co. MW-13 grab, collected on 05/20/2008 at 12:24
AC34517	Blue Ridge Paper Co. MW-13 grab, collected on 05/20/2008 at 12:26
AC34518	Blue Ridge Paper Co. MW-13 grab, collected on 05/20/2008 at 12:29
AC34519	Blue Ridge Paper Co. MW-13 grab, collected on 05/20/2008 at 12:32
AC34520	Blue Ridge Paper Co. MW-13 grab, collected on 05/20/2008 at 12:38
AC34521	Blue Ridge Paper Co. MW-13 grab, collected on 05/20/2008 at 12:50

The attached report is for the samples that were received and are referenced above. Rogers and Callcott maintains a formal QA/QC program. Unless otherwise noted, all analyses performed under NELAP certification have complied with all the requirements of the NELAC standard. The analyses met the QA/QC confidence interval for each test method unless otherwise qualified. Estimated uncertainty available upon request.

We appreciate the opportunity to be of service to you. Please contact us at (864) 232-1556 should you have any questions about this report.

Results released by: Amy L. Arnold
authorized signature

Results reviewed by: L

This report may not be reproduced, except in full, without written permission from Rogers & Callcott, Inc.

Sample Number	Sample Description, Date and Time Collected
AC34516	Blue Ridge Paper Co. MW-13 grab, collected on 05/20/2008 at 12:24

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Depth to water	19.94	feet			05/20/2008 09:59	JHF	
Monitoring well sampling 2 inch well	Completed				05/20/2008 12:24	JHF	
pH (Field)	7.3	pH units		0.1	05/20/2008 12:22	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	2344	umhos/cm		10	05/20/2008 12:22	JHF	SM 2510B
Temperature (Field)	16.8	degrees C		0.1	05/20/2008 12:22	JHF	SM 2550B
Turbidity (Field)	107	NTU		1.0	05/20/2008 12:22	JHF	Field Screen
Total Organic Carbon	3.0	mg/l		0.5	05/27/2008 01:29	JRS	SM 5310C

Sample Number	Sample Description, Date and Time Collected
AC34517	Blue Ridge Paper Co. MW-13 grab, collected on 05/20/2008 at 12:26

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Arsenic ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Barium	0.04	mg/l		0.01	05/22/2008 10:53	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/22/2008 10:15	MJH	EPA 200.8
Calcium	15	mg/l		0.10	05/22/2008 10:53	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l	X	0.01	05/22/2008 10:15	MJH	EPA 200.8
Copper ICPMS	0.008	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Iron	4.7	mg/l		0.05	05/22/2008 10:53	MER	EPA 200.7
Lead ICPMS	0.006	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Magnesium	11	mg/l		0.10	05/22/2008 10:53	MER	EPA 200.7
Manganese	1.7	mg/l		0.02	05/22/2008 10:53	MER	EPA 200.7
Nickel ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Potassium	5.3	mg/l		0.5	05/22/2008 10:53	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/22/2008 10:15	MJH	EPA 200.8
Sodium	460	mg/l		0.50	05/22/2008 10:53	MER	EPA 200.7
Zinc	0.01	mg/l		0.01	05/22/2008 10:53	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34518	Blue Ridge Paper Co. MW-13 grab, collected on 05/20/2008 at 12:29

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Mercury	< RDL	mg/l		0.0002	06/12/2008 09:45	LBW	EPA 245.1

Sample Number	Sample Description, Date and Time Collected
AC34519	Blue Ridge Paper Co. MW-13 grab, collected on 05/20/2008 at 12:32

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrate-Nitrite as N	< RDL	mg/l	K	0.2	06/18/2008 13:39	MEA	SM 4500NO3H

Sample Number	Sample Description, Date and Time Collected
AC34519	Blue Ridge Paper Co. MW-13 grab, collected on 05/20/2008 at 12:32

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Total Recoverable Phenols	< RDL	mg/l		0.005	06/02/2008 08:00	WLD	EPA 420.1

Sample Number	Sample Description, Date and Time Collected
AC34520	Blue Ridge Paper Co. MW-13 grab, collected on 05/20/2008 at 12:38

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrite as N	< RDL	mg/l		0.01	05/22/2008 11:00	WLD	SM 4500NO2B
Total Dissolved Solids	1760	mg/l		25	05/27/2008 08:20	JRS	SM 2540C
Chloride	35	mg/L		2.0	06/05/2008 11:13	LBW	EPA 300.0
Fluoride	< RDL	mg/l	X	0.5	06/12/2008 17:23	LBW	EPA 300.0
Sulfate	823	mg/l		2.0	06/05/2008 08:05	LBW	EPA 300.0

Sample Number	Sample Description, Date and Time Collected
AC34521	Blue Ridge Paper Co. MW-13 grab, collected on 05/20/2008 at 12:50

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.

ROGERS & CALLCOTT
LABORATORY SERVICES

P.O. Box 5655, Greenville, SC 29606
Phone: (864) 232-1556 - FAX: (864) 232-6140

AN EMPLOYEE-OWNED COMPANY

Laboratory Services Report

Client: Blue Ridge Paper Products
Attention Jim Giaque
175 Main Street
Canton NC 28716

Date Received: 05/21/2008
Time Received: 13:30
Date Reported: 06/26/2008

South Carolina Laboratory Identification 23105
North Carolina Laboratory Certificate Number 27
NELAP Laboratory Identification E87822

Sample Number	*Sample Description*
AC34522	Blue Ridge Paper Co. MW-16D grab, collected on 05/20/2008 at 15:29
AC34523	Blue Ridge Paper Co. MW-16D grab, collected on 05/20/2008 at 15:31
AC34524	Blue Ridge Paper Co. MW-16D grab, collected on 05/20/2008 at 15:34
AC34525	Blue Ridge Paper Co. MW-16D grab, collected on 05/20/2008 at 15:38
AC34526	Blue Ridge Paper Co. MW-16D grab, collected on 05/20/2008 at 15:44
AC34527	Blue Ridge Paper Co. MW-16D grab, collected on 05/20/2008 at 15:55

The attached report is for the samples that were received and are referenced above. Rogers and Callcott maintains a formal QA/QC program. Unless otherwise noted, all analyses performed under NELAP certification have complied with all the requirements of the NELAC standard. The analyses met the QA/QC confidence interval for each test method unless otherwise qualified. Estimated uncertainty available upon request.

We appreciate the opportunity to be of service to you. Please contact us at (864) 232-1556 should you have any questions about this report.

Results released by: Amy Z. Ashley
authorized signature

Results reviewed by: L

This report may not be reproduced, except in full, without written permission from Rogers & Callcott, Inc.

Sample Number	Sample Description, Date and Time Collected
AC34522	Blue Ridge Paper Co. MW-16D grab, collected on 05/20/2008 at 15:29

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Depth to water	62.10	feet			05/20/2008 13:17	JHF	
Monitoring well sampling >2 inch well	Completed				05/20/2008 15:29	JHF	
pH (Field)	6.8	pH units		0.1	05/20/2008 15:27	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	1642	umhos/cm		10	05/20/2008 15:27	JHF	SM 2510B
Temperature (Field)	15.7	degrees C		0.1	05/20/2008 15:27	JHF	SM 2550B
Turbidity (Field)	6.6	NTU		1.0	05/20/2008 15:27	JHF	Field Screen
Total Organic Carbon	9.9	mg/l		0.5	05/27/2008 01:51	JRS	SM 5310C

Sample Number	Sample Description, Date and Time Collected
AC34523	Blue Ridge Paper Co. MW-16D grab, collected on 05/20/2008 at 15:31

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Arsenic ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Barium	0.24	mg/l		0.01	05/22/2008 10:53	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/22/2008 10:15	MJH	EPA 200.8
Calcium	260	mg/l		0.10	05/22/2008 10:53	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l	X	0.01	05/22/2008 10:15	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Iron	4.7	mg/l		0.05	05/22/2008 10:53	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Magnesium	40	mg/l		0.10	05/22/2008 10:53	MER	EPA 200.7
Manganese	4.8	mg/l		0.02	05/22/2008 10:53	MER	EPA 200.7
Nickel ICPMS	0.011	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Potassium	24	mg/l		0.5	05/22/2008 10:53	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/22/2008 10:15	MJH	EPA 200.8
Sodium	46	mg/l		0.50	05/22/2008 10:53	MER	EPA 200.7
Zinc	< RDL	mg/l		0.01	05/22/2008 10:53	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34524	Blue Ridge Paper Co. MW-16D grab, collected on 05/20/2008 at 15:34

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Mercury	< RDL	mg/l		0.0002	06/12/2008 09:48	LBW	EPA 245.1

Sample Number	Sample Description, Date and Time Collected
AC34525	Blue Ridge Paper Co. MW-16D grab, collected on 05/20/2008 at 15:38

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrate-Nitrite as N	< RDL	mg/l	K	0.2	06/18/2008 13:39	MEA	SM 4500NO3H

Sample Number	Sample Description, Date and Time Collected
AC34525	Blue Ridge Paper Co. MW-16D grab, collected on 05/20/2008 at 15:38

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Total Recoverable Phenols	< RDL	mg/l		0.005	06/02/2008 08:00	WLD	EPA 420.1

Sample Number	Sample Description, Date and Time Collected
AC34526	Blue Ridge Paper Co. MW-16D grab, collected on 05/20/2008 at 15:44

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrite as N	< RDL	mg/l		0.01	05/22/2008 11:00	WLD	SM 4500NO2B
Total Dissolved Solids	1150	mg/l		25	05/27/2008 08:20	JRS	SM 2540C
Chloride	85	mg/L		2.0	06/05/2008 09:52	LBW	EPA 300.0
Fluoride	< RDL	mg/l	X	0.2	06/12/2008 17:45	LBW	EPA 300.0
Sulfate	58	mg/l		2.0	06/05/2008 09:52	LBW	EPA 300.0

Sample Number	Sample Description, Date and Time Collected
AC34527	Blue Ridge Paper Co. MW-16D grab, collected on 05/20/2008 at 15:55

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.

ROGERS & CALLCOTT
LABORATORY SERVICES

P.O. Box 5655, Greenville, SC 29606
Phone: (864) 232-1556 - FAX: (864) 232-6140

AN EMPLOYEE-OWNED COMPANY

Laboratory Services Report

Client: Blue Ridge Paper Products
Attention Jim Giaque
175 Main Street
Canton NC 28716

Date Received: 05/21/2008
Time Received: 13:30
Date Reported: 06/26/2008

South Carolina Laboratory Identification 23105
North Carolina Laboratory Certificate Number 27
NELAP Laboratory Identification E87822

Sample Number	*Sample Description*
AC34528	Blue Ridge Paper Co. MW-16S grab, collected on 05/21/2008 at 08:46
AC34529	Blue Ridge Paper Co. MW-16S grab, collected on 05/21/2008 at 08:48
AC34530	Blue Ridge Paper Co. MW-16S grab, collected on 05/21/2008 at 08:51
AC34531	Blue Ridge Paper Co. MW-16S grab, collected on 05/21/2008 at 08:53
AC34532	Blue Ridge Paper Co. MW-16S grab, collected on 05/21/2008 at 08:59
AC34533	Blue Ridge Paper Co. MW-16S grab, collected on 05/21/2008 at 09:10
AC34534	Blue Ridge Paper Co. MW-11 grab, collected on 05/21/2008 at 10:05
AC34535	Blue Ridge Paper Co. MW-8 grab, collected on 05/21/2008 at 10:23
AC34536	Blue Ridge Paper Co. MW-12 grab, collected on 05/21/2008 at 10:43

The attached report is for the samples that were received and are referenced above. Rogers and Callcott maintains a formal QA/QC program. Unless otherwise noted, all analyses performed under NELAP certification have complied with all the requirements of the NELAC standard. The analyses met the QA/QC confidence interval for each test method unless otherwise qualified. Estimated uncertainty available upon request.

We appreciate the opportunity to be of service to you. Please contact us at (864) 232-1556 should you have any questions about this report.

Results released by: Amy J. Ashley
authorized signature

Results reviewed by: L

This report may not be reproduced, except in full, without written permission from Rogers & Callcott, Inc.

Sample Number	Sample Description, Date and Time Collected
AC34528	Blue Ridge Paper Co. MW-16S grab, collected on 05/21/2008 at 08:46

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Depth to water	57.53	feet			05/20/2008 16:18	JHF	
Monitoring well sampling >2 inch well	Completed				05/21/2008 08:46	JHF	
pH (Field)	6.3	pH units		0.1	05/21/2008 08:43	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	2299	umhos/cm		10	05/21/2008 08:43	JHF	SM 2510B
Temperature (Field)	14.6	degrees C		0.1	05/21/2008 08:43	JHF	SM 2550B
Turbidity (Field)	2.7	NTU		1.0	05/21/2008 08:43	JHF	Field Screen
Total Organic Carbon	30	mg/l		0.5	05/27/2008 09:31	JRS	SM 5310C

Sample Number	Sample Description, Date and Time Collected
AC34529	Blue Ridge Paper Co. MW-16S grab, collected on 05/21/2008 at 08:48

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Arsenic ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Barium	1.0	mg/l		0.01	05/22/2008 10:53	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/22/2008 10:15	MJH	EPA 200.8
Calcium	93	mg/l		0.10	05/22/2008 10:53	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l	X	0.01	05/22/2008 10:15	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Iron	0.91	mg/l		0.05	05/22/2008 10:53	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Magnesium	38	mg/l		0.10	05/22/2008 10:53	MER	EPA 200.7
Manganese	9.4	mg/l		0.02	05/22/2008 10:53	MER	EPA 200.7
Nickel ICPMS	0.036	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Potassium	9.1	mg/l		0.5	05/22/2008 10:53	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/22/2008 10:15	MJH	EPA 200.8
Sodium	430	mg/l		0.50	05/22/2008 10:53	MER	EPA 200.7
Zinc	< RDL	mg/l		0.01	05/22/2008 10:53	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34530	Blue Ridge Paper Co. MW-16S grab, collected on 05/21/2008 at 08:51

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Mercury	< RDL	mg/l		0.0002	06/12/2008 09:50	LBW	EPA 245.1

Sample Number	Sample Description, Date and Time Collected
AC34531	Blue Ridge Paper Co. MW-16S grab, collected on 05/21/2008 at 08:53

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrate-Nitrite as N	< RDL	mg/l		0.2	06/18/2008 13:49	MEA	SM 4500NO3H

Sample Number	Sample Description, Date and Time Collected
AC34531	Blue Ridge Paper Co. MW-16S grab, collected on 05/21/2008 at 08:53

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Total Recoverable Phenols	< RDL	mg/l		0.005	06/02/2008 08:00	WLD	EPA 420.1

Sample Number	Sample Description, Date and Time Collected
AC34532	Blue Ridge Paper Co. MW-16S grab, collected on 05/21/2008 at 08:59

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrite as N	< RDL	mg/l		0.01	05/22/2008 11:00	WLD	SM 4500NO2B
Total Dissolved Solids	1560	mg/l		25	05/27/2008 08:20	JRS	SM 2540C
Chloride	136	mg/L		2.0	06/05/2008 10:20	LBW	EPA 300.0
Fluoride	< RDL	mg/l	X	0.2	06/12/2008 18:07	LBW	EPA 300.0
Sulfate	18	mg/l		2.0	06/05/2008 12:32	LBW	EPA 300.0

Sample Number	Sample Description, Date and Time Collected
AC34533	Blue Ridge Paper Co. MW-16S grab, collected on 05/21/2008 at 09:10

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.

Sample Number	Sample Description, Date and Time Collected
AC34534	Blue Ridge Paper Co. MW-11 grab, collected on 05/21/2008 at 10:05

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.

Depth to water	11.94	feet			05/20/2008 10:43	JHF	
Monitoring well sampling 2 inch well	Completed				05/21/2008 10:05	JHF	
pH (Field)	5.8	pH units		0.1	05/21/2008 10:05	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	57	umhos/cm		10	05/21/2008 10:05	JHF	SM 2510B
Temperature (Field)	12.5	degrees C		0.1	05/21/2008 10:05	JHF	SM 2550B
Turbidity (Field)	7.2	NTU		1.0	05/21/2008 10:05	JHF	Field Screen
Nitrate-Nitrite as N	0.20	mg/l		0.2	06/18/2008 13:49	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	05/22/2008 11:00	WLD	SM 4500NO2B
Total Dissolved Solids	50	mg/l		25	05/27/2008 08:20	JRS	SM 2540C
Total Organic Carbon	< RDL	mg/l		0.5	05/27/2008 03:47	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	06/02/2008 08:00	WLD	EPA 420.1
Chloride	1.2	mg/L		1.0	06/04/2008 23:13	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	06/04/2008 23:13	LBW	EPA 300.0

Sample Number	Sample Description, Date and Time Collected
AC34534	Blue Ridge Paper Co. MW-11 grab, collected on 05/21/2008 at 10:05

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Sulfate	10	mg/l		2.0	06/04/2008 23:13	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Barium	0.02	mg/l		0.01	05/22/2008 10:53	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/22/2008 10:15	MJH	EPA 200.8
Calcium	1.8	mg/l		0.10	05/22/2008 10:53	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Iron	0.11	mg/l		0.05	05/22/2008 10:53	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Magnesium	2.8	mg/l		0.10	05/22/2008 10:53	MER	EPA 200.7
Manganese ICPMS	0.007	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	06/12/2008 09:52	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Potassium	0.67	mg/l		0.5	05/22/2008 10:53	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/22/2008 10:15	MJH	EPA 200.8
Sodium	1.6	mg/l		0.50	05/22/2008 10:53	MER	EPA 200.7
Zinc	< RDL	mg/l		0.01	05/22/2008 10:53	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34535	Blue Ridge Paper Co. MW-8 grab, collected on 05/21/2008 at 10:23

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.

Depth to water	11.56	feet			05/20/2008 14:35	JHF	
Monitoring well sampling 2 inch well	Completed				05/21/2008 10:23	JHF	
pH (Field)	6.4	pH units		0.1	05/21/2008 10:23	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	66	umhos/cm		10	05/21/2008 10:23	JHF	SM 2510B
Temperature (Field)	14.1	degrees C		0.1	05/21/2008 10:23	JHF	SM 2550B
Turbidity (Field)	6.5	NTU		1.0	05/21/2008 10:23	JHF	Field Screen
Nitrate-Nitrite as N	< RDL	mg/l		0.2	06/18/2008 13:49	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	05/22/2008 11:00	WLD	SM 4500NO2B
Total Dissolved Solids	77	mg/l		25	05/27/2008 08:20	JRS	SM 2540C
Total Organic Carbon	< RDL	mg/l		0.5	05/27/2008 04:03	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	06/02/2008 08:00	WLD	EPA 420.1
Chloride	1.2	mg/L		1.0	06/05/2008 11:36	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	06/05/2008 11:36	LBW	EPA 300.0
Sulfate	12	mg/l		2.0	06/05/2008 08:33	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8

Sample Number	Sample Description, Date and Time Collected
AC34535	Blue Ridge Paper Co. MW-8 grab, collected on 05/21/2008 at 10:23

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Barium	< RDL	mg/l		0.01	05/22/2008 10:53	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/22/2008 10:15	MJH	EPA 200.8
Calcium	4.6	mg/l		0.10	05/22/2008 10:53	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Iron	1.0	mg/l		0.05	05/22/2008 10:53	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Magnesium	1.7	mg/l		0.10	05/22/2008 10:53	MER	EPA 200.7
Manganese ICPMS	0.053	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	06/12/2008 09:55	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Potassium	2.7	mg/l		0.5	05/22/2008 10:53	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/22/2008 10:15	MJH	EPA 200.8
Sodium	3.0	mg/l		0.50	05/22/2008 10:53	MER	EPA 200.7
Zinc	< RDL	mg/l		0.01	05/22/2008 10:53	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34536	Blue Ridge Paper Co. MW-12 grab, collected on 05/21/2008 at 10:43

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		
Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.							
Depth to water	11.51	feet			05/20/2008 16:40	JHF	
Monitoring well sampling 2 inch well	Completed				05/21/2008 10:43	JHF	
pH (Field)	6.0	pH units		0.1	05/20/2008 17:06	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	209	umhos/cm		10	05/20/2008 17:06	JHF	SM 2510B
Temperature (Field)	13.5	degrees C		0.1	05/20/2008 17:06	JHF	SM 2550B
Turbidity (Field)	5.5	NTU		1.0	05/21/2008 10:43	JHF	Field Screen
Nitrate-Nitrite as N	1.3	mg/l		0.2	06/18/2008 16:49	MEA	SM 4500NO3H
Analysis comment for Nitrate-Nitrite as N: Low spike recovery due to matrix interference (35 percent)							
Nitrite as N	< RDL	mg/l		0.01	05/22/2008 11:00	WLD	SM 4500NO2B
Total Dissolved Solids	190	mg/l		25	05/27/2008 08:20	JRS	SM 2540C
Total Organic Carbon	< RDL	mg/l		0.5	05/27/2008 04:19	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	06/02/2008 08:00	WLD	EPA 420.1
Chloride	7.4	mg/L		2.0	06/05/2008 10:48	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	06/12/2008 18:29	LBW	EPA 300.0
Sulfate	44	mg/l		2.0	06/05/2008 13:00	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Barium	0.03	mg/l		0.01	05/22/2008 10:53	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34536	Blue Ridge Paper Co. MW-12 grab, collected on 05/21/2008 at 10:43

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Cadmium ICPMS	< RDL	mg/l		0.001	05/22/2008 10:15	MJH	EPA 200.8
Calcium	12	mg/l		0.10	05/22/2008 10:53	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Iron	0.10	mg/l		0.05	05/22/2008 10:53	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Magnesium	8.7	mg/l		0.10	05/22/2008 10:53	MER	EPA 200.7
Manganese ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	06/12/2008 09:57	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Potassium	3.1	mg/l		0.5	05/22/2008 10:53	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/22/2008 10:15	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/22/2008 10:15	MJH	EPA 200.8
Sodium	14	mg/l		0.50	05/22/2008 10:53	MER	EPA 200.7
Zinc	< RDL	mg/l		0.01	05/22/2008 10:53	MER	EPA 200.7

ROGERS & CALLCOTT
LABORATORY SERVICES

P.O. Box 5655, Greenville, SC 29606
® Phone: (864) 232-1556 - FAX: (864) 232-6140

AN EMPLOYEE-OWNED COMPANY

Laboratory Services Report

Client: Blue Ridge Paper Products
Attention Jim Giaque
175 Main Street
Canton NC 28716

Date Received: 05/22/2008
Time Received: 16:30
Date Reported: 06/26/2008

South Carolina Laboratory Identification 23105
North Carolina Laboratory Certificate Number 27
NELAP Laboratory Identification E87822

Sample Number	*Sample Description*
AC34644	Blue Ridge Paper Co. MW-18 grab, collected on 05/21/2008 at 11:33
AC34645	Blue Ridge Paper Co. MW-18 grab, collected on 05/21/2008 at 11:35
AC34646	Blue Ridge Paper Co. MW-18 grab, collected on 05/21/2008 at 11:38
AC34647	Blue Ridge Paper Co. MW-18 grab, collected on 05/21/2008 at 11:40
AC34648	Blue Ridge Paper Co. MW-18 grab, collected on 05/21/2008 at 11:48
AC34649	Blue Ridge Paper Co. MW-18 grab, collected on 05/21/2008 at 11:59

The attached report is for the samples that were received and are referenced above. Rogers and Callcott maintains a formal QA/QC program. Unless otherwise noted, all analyses performed under NELAP certification have complied with all the requirements of the NELAC standard. The analyses met the QA/QC confidence interval for each test method unless otherwise qualified. Estimated uncertainty available upon request.

We appreciate the opportunity to be of service to you. Please contact us at (864) 232-1556 should you have any questions about this report.

Results released by: Amy L Ashley
authorized signature

Results reviewed by: L

This report may not be reproduced, except in full, without written permission from Rogers & Callcott, Inc.

Sample Number	Sample Description, Date and Time Collected
AC34644	Blue Ridge Paper Co. MW-18 grab, collected on 05/21/2008 at 11:33

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Depth to water	74.96	feet			05/20/2008 18:13	JHF	
Monitoring well sampling >2 inch well	Completed				05/21/2008 11:33	JHF	
pH (Field)	6.6	pH units		0.1	05/21/2008 11:30	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	2020	umhos/cm		10	05/21/2008 11:30	JHF	SM 2510B
Temperature (Field)	16.9	degrees C		0.1	05/21/2008 11:30	JHF	SM 2550B
Turbidity (Field)	3.1	NTU		1.0	05/21/2008 11:30	JHF	Field Screen
Total Organic Carbon	2.7	mg/l		0.5	05/30/2008 22:21	MGR	SM 5310C

Sample Number	Sample Description, Date and Time Collected
AC34645	Blue Ridge Paper Co. MW-18 grab, collected on 05/21/2008 at 11:35

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Arsenic ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Barium	0.02	mg/l		0.01	05/23/2008 09:21	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/23/2008 11:56	MJH	EPA 200.8
Calcium	86	mg/l		0.10	05/27/2008 10:52	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Iron	34	mg/l		0.05	05/27/2008 10:52	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Magnesium	34	mg/l		0.10	05/27/2008 10:52	MER	EPA 200.7
Manganese	5.6	mg/l		0.02	05/27/2008 10:52	MER	EPA 200.7
Nickel ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Potassium	11	mg/l		0.5	05/27/2008 10:52	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l	X	0.01	05/23/2008 11:56	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/23/2008 11:56	MJH	EPA 200.8
Sodium	280	mg/l		0.50	05/27/2008 10:52	MER	EPA 200.7
Zinc	< RDL	mg/l		0.01	05/23/2008 09:21	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34646	Blue Ridge Paper Co. MW-18 grab, collected on 05/21/2008 at 11:38

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Mercury	< RDL	mg/l		0.0002	06/12/2008 10:00	LBW	EPA 245.1

Sample Number	Sample Description, Date and Time Collected
AC34647	Blue Ridge Paper Co. MW-18 grab, collected on 05/21/2008 at 11:40

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrate-Nitrite as N	< RDL	mg/l		0.2	06/18/2008 14:28	MEA	SM 4500NO3H

Sample Number	Sample Description, Date and Time Collected
AC34647	Blue Ridge Paper Co. MW-18 grab, collected on 05/21/2008 at 11:40

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Total Recoverable Phenols	< RDL	mg/l		0.005	06/04/2008 08:00	WLD	EPA 420.1

Sample Number	Sample Description, Date and Time Collected
AC34648	Blue Ridge Paper Co. MW-18 grab, collected on 05/21/2008 at 11:48

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrite as N	< RDL	mg/l		0.01	05/23/2008 10:10	WLD	SM 4500NO2B
Total Dissolved Solids	1470	mg/l		25	05/28/2008 08:45	MEA	SM 2540C
Chloride	47	mg/L		2.0	06/11/2008 00:21	LBW	EPA 300.0
Fluoride	< RDL	mg/l	X	1.0	06/12/2008 18:51	LBW	EPA 300.0
Sulfate	778	mg/l		2.0	06/10/2008 03:04	LBW	EPA 300.0

Sample Number	Sample Description, Date and Time Collected
AC34649	Blue Ridge Paper Co. MW-18 grab, collected on 05/21/2008 at 11:59

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.

ROGERS & CALLCOTT
LABORATORY SERVICES

P.O. Box 5655, Greenville, SC 29606
® Phone: (864) 232-1556 - FAX: (864) 232-6140

AN EMPLOYEE-OWNED COMPANY

Laboratory Services Report

Client: Blue Ridge Paper Products
Attention Jim Giaque
175 Main Street
Canton NC 28716

Date Received: 05/22/2008
Time Received: 16:30
Date Reported: 06/26/2008

South Carolina Laboratory Identification 23105
North Carolina Laboratory Certificate Number 27
NELAP Laboratory Identification E87822

Sample Number	*Sample Description*
AC34650	Blue Ridge Paper Co. MW-21 grab, collected on 05/21/2008 at 14:09
AC34651	Blue Ridge Paper Co. MW-21 grab, collected on 05/21/2008 at 14:11
AC34652	Blue Ridge Paper Co. MW-21 grab, collected on 05/21/2008 at 14:14
AC34653	Blue Ridge Paper Co. MW-21 grab, collected on 05/21/2008 at 14:16
AC34654	Blue Ridge Paper Co. MW-21 grab, collected on 05/21/2008 at 14:23
AC34655	Blue Ridge Paper Co. MW-21 grab, collected on 05/21/2008 at 14:33

The attached report is for the samples that were received and are referenced above. Rogers and Callcott maintains a formal QA/QC program. Unless otherwise noted, all analyses performed under NELAP certification have complied with all the requirements of the NELAC standard. The analyses met the QA/QC confidence interval for each test method unless otherwise qualified. Estimated uncertainty available upon request.

We appreciate the opportunity to be of service to you. Please contact us at (864) 232-1556 should you have any questions about this report.

Results released by: Amy L. Asney
authorized signature

Results reviewed by: L

This report may not be reproduced, except in full, without written permission from Rogers & Callcott, Inc.

Sample Number	Sample Description, Date and Time Collected
AC34650	Blue Ridge Paper Co. MW-21 grab, collected on 05/21/2008 at 14:09

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Depth to water	10.58	feet			05/20/2008 17:12	JHF	
Monitoring well sampling >2 inch well	Completed				05/21/2008 14:09	JHF	
pH (Field)	7.1	pH units		0.1	05/21/2008 14:06	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	2064	umhos/cm		10	05/21/2008 14:06	JHF	SM 2510B
Temperature (Field)	16.4	degrees C		0.1	05/21/2008 14:06	JHF	SM 2550B
Turbidity (Field)	12	NTU		1.0	05/21/2008 14:06	JHF	Field Screen
Total Organic Carbon	3.0	mg/l		0.5	05/30/2008 23:25	MGR	SM 5310C

Sample Number	Sample Description, Date and Time Collected
AC34651	Blue Ridge Paper Co. MW-21 grab, collected on 05/21/2008 at 14:11

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Arsenic ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Barium	0.03	mg/l		0.01	05/23/2008 09:21	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/23/2008 11:56	MJH	EPA 200.8
Calcium	290	mg/l		0.10	05/27/2008 10:52	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Iron	6.0	mg/l		0.05	05/27/2008 10:52	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Magnesium	27	mg/l		0.10	05/27/2008 10:52	MER	EPA 200.7
Manganese	0.27	mg/l		0.02	05/23/2008 09:21	MER	EPA 200.7
Nickel ICPMS	0.006	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Potassium	16	mg/l		0.5	05/27/2008 10:52	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/23/2008 11:56	MJH	EPA 200.8
Sodium	150	mg/l		0.50	05/27/2008 10:52	MER	EPA 200.7
Zinc	< RDL	mg/l		0.01	05/23/2008 09:21	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34652	Blue Ridge Paper Co. MW-21 grab, collected on 05/21/2008 at 14:14

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Mercury	< RDL	mg/l		0.0002	06/12/2008 10:12	LBW	EPA 245.1

Sample Number	Sample Description, Date and Time Collected
AC34653	Blue Ridge Paper Co. MW-21 grab, collected on 05/21/2008 at 14:16

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrate-Nitrite as N	< RDL	mg/l		0.2	06/18/2008 16:50	MEA	SM 4500NO3H

Sample Number	Sample Description, Date and Time Collected
AC34653	Blue Ridge Paper Co. MW-21 grab, collected on 05/21/2008 at 14:16

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Total Recoverable Phenols	< RDL	mg/l		0.005	06/04/2008 08:00	WLD	EPA 420.1

Sample Number	Sample Description, Date and Time Collected
AC34654	Blue Ridge Paper Co. MW-21 grab, collected on 05/21/2008 at 14:23

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrite as N	< RDL	mg/l		0.01	05/23/2008 10:10	WLD	SM 4500NO2B
Total Dissolved Solids	1930	mg/l		25	05/28/2008 08:45	MEA	SM 2540C
Chloride	74	mg/L		2.0	06/11/2008 00:49	LBW	EPA 300.0
Fluoride	< RDL	mg/l	X	1.0	06/12/2008 19:13	LBW	EPA 300.0
Sulfate	897	mg/l		2.0	06/10/2008 03:32	LBW	EPA 300.0

Sample Number	Sample Description, Date and Time Collected
AC34655	Blue Ridge Paper Co. MW-21 grab, collected on 05/21/2008 at 14:33

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.

ROGERS & CALLCOTT
LABORATORY SERVICES

P.O. Box 5655, Greenville, SC 29606
® Phone: (864) 232-1556 - FAX: (864) 232-6140

AN EMPLOYEE-OWNED COMPANY

Laboratory Services Report

Client: Blue Ridge Paper Products
Attention Jim Giaque
175 Main Street
Canton NC 28716

Date Received: 05/22/2008
Time Received: 16:30
Date Reported: 06/27/2008

South Carolina Laboratory Identification 23105
North Carolina Laboratory Certificate Number 27
NELAP Laboratory Identification E87822

Sample Number	*Sample Description*
AC34662	Blue Ridge Paper Co. MW-5A grab, collected on 05/22/2008 at 10:41
AC34663	Blue Ridge Paper Co. MW-6 grab, collected on 05/22/2008 at 11:00
AC34664	Blue Ridge Paper Co. MW-7A grab, collected on 05/22/2008 at 11:18
AC34665	Blue Ridge Paper Co. MW-3A grab, collected on 05/22/2008 at 11:40
AC34666	Blue Ridge Paper Co. MW-4 grab, collected on 05/22/2008 at 11:59
AC34667	Blue Ridge Paper Co. MW-2 grab, collected on 05/22/2008 at 12:52
AC34668	Blue Ridge Paper Co. Under Flow Drain grab, collected on 05/22/2008 at 13:13
AC34669	Blue Ridge Paper Co. Landfill Leachate grab, collected on 05/22/2008 at 13:40

The attached report is for the samples that were received and are referenced above. Rogers and Callcott maintains a formal QA/QC program. Unless otherwise noted, all analyses performed under NELAP certification have complied with all the requirements of the NELAC standard. The analyses met the QA/QC confidence interval for each test method unless otherwise qualified. Estimated uncertainty available upon request.

We appreciate the opportunity to be of service to you. Please contact us at (864) 232-1556 should you have any questions about this report.

Results released by: Amy Z. Ashley
authorized signature

Results reviewed by:

This report may not be reproduced, except in full, without written permission from Rogers & Callcott, Inc.

Sample Number	Sample Description, Date and Time Collected
AC34662	Blue Ridge Paper Co. MW-5A grab, collected on 05/22/2008 at 10:41

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		
Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.							
Depth to water	37.05	feet			05/20/2008 17:41	JHF	
Monitoring well sampling 2 inch well	Completed				05/22/2008 10:41	JHF	
pH (Field)	5.8	pH units		0.1	05/22/2008 10:41	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	603	umhos/cm		10	05/22/2008 10:41	JHF	SM 2510B
Temperature (Field)	17.7	degrees C		0.1	05/22/2008 10:41	JHF	SM 2550B
Turbidity (Field)	3.6	NTU		1.0	05/22/2008 10:41	JHF	Field Screen
Nitrate-Nitrite as N	0.45	mg/l		0.2	06/18/2008 16:50	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	05/23/2008 10:10	WLD	SM 4500NO2B
Total Dissolved Solids	380	mg/l		25	05/29/2008 08:10	JRS	SM 2540C
Total Organic Carbon	1.5	mg/l		0.5	05/27/2008 05:18	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	06/10/2008 08:00	WLD	EPA 420.1
Chloride	95	mg/L		2.0	06/10/2008 16:25	LBW	EPA 300.0
Fluoride	< RDL	mg/l	X	0.5	06/12/2008 20:42	LBW	EPA 300.0
Sulfate	17	mg/l		2.0	06/10/2008 16:25	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Barium	0.08	mg/l		0.01	05/23/2008 09:21	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/23/2008 11:56	MJH	EPA 200.8
Calcium	18	mg/l		0.10	05/27/2008 10:52	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Iron	0.12	mg/l		0.05	05/23/2008 09:21	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Magnesium	21	mg/l		0.10	05/27/2008 10:52	MER	EPA 200.7
Manganese	18	mg/l		0.02	05/27/2008 10:52	MER	EPA 200.7
Mercury	< RDL	mg/l		0.0002	06/12/2008 10:15	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Potassium	3.8	mg/l		0.5	05/23/2008 09:21	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/23/2008 11:56	MJH	EPA 200.8
Sodium	14	mg/l		0.50	05/27/2008 10:52	MER	EPA 200.7
Zinc	< RDL	mg/l		0.01	05/23/2008 09:21	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34663	Blue Ridge Paper Co. MW-6 grab, collected on 05/22/2008 at 11:00

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		

Sample Number	Sample Description, Date and Time Collected
AC34663	Blue Ridge Paper Co. MW-6 grab, collected on 05/22/2008 at 11:00

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.							
Depth to water	14.02	feet			05/20/2008 17:34	JHF	
Monitoring well sampling 2 inch well	Completed				05/22/2008 11:00	JHF	
pH (Field)	6.2	pH units		0.1	05/22/2008 11:00	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	438	umhos/cm		10	05/22/2008 11:00	JHF	SM 2510B
Temperature (Field)	15.5	degrees C		0.1	05/22/2008 11:00	JHF	SM 2550B
Turbidity (Field)	13	NTU		1.0	05/22/2008 11:00	JHF	Field Screen
Nitrate-Nitrite as N	< RDL	mg/l		0.2	06/18/2008 17:00	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	05/23/2008 10:10	WLD	SM 4500NO2B
Total Dissolved Solids	348	mg/l		25	05/29/2008 08:10	JRS	SM 2540C
Total Organic Carbon	1.3	mg/l		0.5	05/30/2008 23:54	MGR	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	06/10/2008 08:00	WLD	EPA 420.1
Chloride	82	mg/L		2.0	06/10/2008 18:17	LBW	EPA 300.0
Fluoride	< RDL	mg/l	X	0.2	06/12/2008 21:04	LBW	EPA 300.0
Sulfate	21	mg/l		2.0	06/10/2008 18:17	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Barium	0.10	mg/l		0.01	05/23/2008 09:21	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/23/2008 11:56	MJH	EPA 200.8
Calcium	30	mg/l		0.10	05/27/2008 10:52	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Iron	1.6	mg/l		0.05	05/23/2008 09:21	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Magnesium	21	mg/l		0.10	05/27/2008 10:52	MER	EPA 200.7
Manganese	4.1	mg/l		0.02	05/23/2008 09:21	MER	EPA 200.7
Mercury	< RDL	mg/l		0.0002	06/12/2008 10:17	LBW	EPA 245.1
Nickel ICPMS	0.014	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Potassium	5.1	mg/l		0.5	05/27/2008 10:52	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/23/2008 11:56	MJH	EPA 200.8
Sodium	18	mg/l		0.50	05/27/2008 10:52	MER	EPA 200.7
Zinc	0.02	mg/l		0.01	05/23/2008 09:21	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34664	Blue Ridge Paper Co. MW-7A grab, collected on 05/22/2008 at 11:18

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.

Sample Number	Sample Description, Date and Time Collected
AC34664	Blue Ridge Paper Co. MW-7A grab, collected on 05/22/2008 at 11:18

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Depth to water	10.61	feet			05/20/2008 17:29	JHF	
Monitoring well sampling 2 inch well	Completed				05/22/2008 11:18	JHF	
pH (Field)	6.1	pH units		0.1	05/22/2008 11:18	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	295	umhos/cm		10	05/22/2008 11:18	JHF	SM 2510B
Temperature (Field)	14.4	degrees C		0.1	05/22/2008 11:18	JHF	SM 2550B
Turbidity (Field)	5.9	NTU		1.0	05/22/2008 11:18	JHF	Field Screen
Nitrate-Nitrite as N	< RDL	mg/l		0.2	06/18/2008 17:00	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	05/23/2008 10:10	WLD	SM 4500NO2B
Total Dissolved Solids	246	mg/l		25	05/29/2008 08:10	JRS	SM 2540C
Total Organic Carbon	1.2	mg/l		0.5	05/31/2008 00:20	MGR	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	06/10/2008 08:00	WLD	EPA 420.1
Chloride	49	mg/L		2.0	06/10/2008 18:45	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	06/12/2008 21:26	LBW	EPA 300.0
Sulfate	19	mg/l		2.0	06/10/2008 18:45	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Barium	0.06	mg/l		0.01	05/23/2008 09:21	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/23/2008 11:56	MJH	EPA 200.8
Calcium	18	mg/l		0.10	05/27/2008 10:52	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Iron	< RDL	mg/l		0.05	05/23/2008 09:21	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Magnesium	12	mg/l		0.10	05/27/2008 10:52	MER	EPA 200.7
Manganese	2.8	mg/l		0.02	05/23/2008 09:21	MER	EPA 200.7
Mercury	0.0007	mg/l		0.0002	06/12/2008 10:20	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Potassium	3.0	mg/l		0.5	05/23/2008 09:21	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/23/2008 11:56	MJH	EPA 200.8
Sodium	6.0	mg/l		0.50	05/27/2008 10:52	MER	EPA 200.7
Zinc	< RDL	mg/l		0.01	05/23/2008 09:21	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34665	Blue Ridge Paper Co. MW-3A grab, collected on 05/22/2008 at 11:40

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.

Depth to water	7.39	feet			05/20/2008 17:14	JHF	
Monitoring well sampling 2 inch well	Completed				05/22/2008 11:40	JHF	

Sample Number	Sample Description, Date and Time Collected
AC34665	Blue Ridge Paper Co. MW-3A grab, collected on 05/22/2008 at 11:40

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
pH (Field)	6.8	pH units		0.1	05/22/2008 11:40	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	930	umhos/cm		10	05/22/2008 11:40	JHF	SM 2510B
Temperature (Field)	13.2	degrees C		0.1	05/22/2008 11:40	JHF	SM 2550B
Turbidity (Field)	12	NTU		1.0	05/22/2008 11:40	JHF	Field Screen
Nitrate-Nitrite as N	< RDL	mg/l		0.2	06/18/2008 17:00	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	05/23/2008 10:10	WLD	SM 4500NO2B
Total Dissolved Solids	730	mg/l		25	05/29/2008 08:10	JRS	SM 2540C
Total Organic Carbon	1.0	mg/l		0.5	05/31/2008 00:49	MGR	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	06/10/2008 08:00	WLD	EPA 420.1
Chloride	36	mg/L		2.0	06/10/2008 21:33	LBW	EPA 300.0
Fluoride	0.10	mg/l		0.10	06/12/2008 21:48	LBW	EPA 300.0
Sulfate	208	mg/l		2.0	06/10/2008 19:13	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Barium	0.04	mg/l		0.01	05/23/2008 09:21	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/23/2008 11:56	MJH	EPA 200.8
Calcium	110	mg/l		0.10	05/27/2008 10:52	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Iron	37	mg/l		0.05	05/27/2008 10:52	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Magnesium	31	mg/l		0.10	05/27/2008 10:52	MER	EPA 200.7
Manganese	0.66	mg/l		0.02	05/23/2008 09:21	MER	EPA 200.7
Mercury	< RDL	mg/l		0.0002	06/12/2008 10:22	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Potassium	9.3	mg/l		0.5	05/27/2008 10:52	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/23/2008 11:56	MJH	EPA 200.8
Sodium	24	mg/l		0.50	05/27/2008 10:52	MER	EPA 200.7
Zinc	< RDL	mg/l		0.01	05/23/2008 09:21	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34666	Blue Ridge Paper Co. MW-4 grab, collected on 05/22/2008 at 11:59

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.

Depth to water	61.14	feet			05/20/2008 17:21	JHF	
Monitoring well sampling 2 inch well	Completed				05/22/2008 11:59	JHF	
pH (Field)	7.3	pH units		0.1	05/21/2008 15:47	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	1175	umhos/cm		10	05/21/2008 15:47	JHF	SM 2510B

Sample Number	Sample Description, Date and Time Collected
AC34666	Blue Ridge Paper Co. MW-4 grab, collected on 05/22/2008 at 11:59

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Temperature (Field)	15.5	degrees C		0.1	05/21/2008 15:47	JHF	SM 2550B
Turbidity (Field)	9.6	NTU		1.0	05/22/2008 11:59	JHF	Field Screen
Nitrate-Nitrite as N	< RDL	mg/l		0.2	06/18/2008 15:52	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	05/23/2008 10:10	WLD	SM 4500NO2B
Total Dissolved Solids	812	mg/l		25	05/29/2008 08:10	JRS	SM 2540C
Total Organic Carbon	2.0	mg/l		0.5	05/31/2008 01:18	MGR	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	06/10/2008 08:00	WLD	EPA 420.1
Chloride	79	mg/L		2.0	06/10/2008 22:57	LBW	EPA 300.0
Fluoride	< RDL	mg/l	X	0.5	06/12/2008 22:10	LBW	EPA 300.0
Sulfate	228	mg/l		2.0	06/10/2008 19:41	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Barium	0.03	mg/l		0.01	05/23/2008 09:21	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/23/2008 11:56	MJH	EPA 200.8
Calcium	19	mg/l		0.10	05/27/2008 10:52	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Iron	58	mg/l		0.05	05/27/2008 10:52	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Magnesium	16	mg/l		0.10	05/27/2008 10:52	MER	EPA 200.7
Manganese	1.2	mg/l		0.02	05/23/2008 09:21	MER	EPA 200.7
Mercury	< RDL	mg/l		0.0002	06/05/2008 11:55	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Potassium	8.7	mg/l		0.5	05/27/2008 10:52	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/23/2008 11:56	MJH	EPA 200.8
Sodium	170	mg/l		0.50	05/27/2008 10:52	MER	EPA 200.7
Zinc	< RDL	mg/l		0.01	05/23/2008 09:21	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34667	Blue Ridge Paper Co. MW-2 grab, collected on 05/22/2008 at 12:52

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.

Depth to water	4.40	feet			05/20/2008 18:04	JHF	
Monitoring well sampling 2 inch well	Completed				05/22/2008 12:52	JHF	
pH (Field)	9.6	pH units		0.1	05/22/2008 12:52	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	7400	umhos/cm		10	05/22/2008 12:52	JHF	SM 2510B
Temperature (Field)	14.8	degrees C		0.1	05/22/2008 12:52	JHF	SM 2550B
Turbidity (Field)	16	NTU		1.0	05/22/2008 12:52	JHF	Field Screen

Sample Number	Sample Description, Date and Time Collected
AC34667	Blue Ridge Paper Co. MW-2 grab, collected on 05/22/2008 at 12:52

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrate-Nitrite as N	< RDL	mg/l		0.2	06/18/2008 17:00	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l	X	0.02	05/23/2008 10:10	WLD	SM 4500NO2B
Total Dissolved Solids	5700	mg/l		25	05/29/2008 08:10	JRS	SM 2540C
Total Organic Carbon	173	mg/l		0.5	06/03/2008 19:52	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l	X	0.010	06/10/2008 08:00	WLD	EPA 420.1
Chloride	164	mg/L		2.0	06/10/2008 20:09	LBW	EPA 300.0
Fluoride	5.5	mg/l		1.0	06/12/2008 22:32	LBW	EPA 300.0
Sulfate	182	mg/l		2.0	06/10/2008 20:09	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l	X	0.05	05/23/2008 11:56	MJH	EPA 200.8
Barium	< RDL	mg/l	X	0.05	05/23/2008 09:21	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l	X	0.01	05/23/2008 11:56	MJH	EPA 200.8
Calcium	2.5	mg/l		0.5	05/23/2008 09:21	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l	X	0.05	05/23/2008 11:56	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l	X	0.05	05/23/2008 11:56	MJH	EPA 200.8
Iron	2.8	mg/l		0.25	05/23/2008 09:21	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l	X	0.05	05/23/2008 11:56	MJH	EPA 200.8
Magnesium	< RDL	mg/l	X	0.50	05/23/2008 09:21	MER	EPA 200.7
Manganese ICPMS	0.04	mg/l		0.02	05/23/2008 11:56	MJH	EPA 200.8
Mercury	< RDL	mg/l	X	0.0008	06/05/2008 11:57	LBW	EPA 245.1
Nickel ICPMS	0.15	mg/l		0.02	05/23/2008 11:56	MJH	EPA 200.8
Potassium	56	mg/l		2.5	05/27/2008 10:52	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l	X	0.05	05/23/2008 11:56	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l	X	0.02	05/23/2008 11:56	MJH	EPA 200.8
Sodium	1800	mg/l		2.5	05/23/2008 09:21	MER	EPA 200.7
Zinc	< RDL	mg/l	X	0.05	05/23/2008 09:21	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34668	Blue Ridge Paper Co. Under Flow Drain grab, collected on 05/22/2008 at 13:13

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.

pH (Field)	8.6	pH units		0.1	05/22/2008 13:13	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	83	umhos/cm		10	05/22/2008 13:13	JHF	SM 2510B
Temperature (Field)	22.4	degrees C		0.1	05/22/2008 13:13	JHF	SM 2550B
Turbidity (Field)	2.7	NTU		1.0	05/22/2008 13:13	JHF	Field Screen
Nitrate-Nitrite as N	0.43	mg/l		0.2	05/23/2008 11:12	MEA	SM 4500NO3H
BOD, 5 Day	< RDL	mg/l		3.0	05/23/2008 14:44	MSA	SM 5210B
COD	< RDL	mg/l		20	06/04/2008 08:30	MEA	EPA 410.4
Nitrite as N	< RDL	mg/l		0.01	05/23/2008 10:10	WLD	SM 4500NO2B

Sample Number	Sample Description, Date and Time Collected
AC34668	Blue Ridge Paper Co. Under Flow Drain grab, collected on 05/22/2008 at 13:13

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Total Dissolved Solids	72	mg/l		25	05/28/2008 08:45	MEA	SM 2540C
Total Organic Carbon	< RDL	mg/l		0.5	06/03/2008 19:30	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	06/10/2008 08:00	WLD	EPA 420.1
Chloride	10	mg/L		2.0	06/10/2008 16:53	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	06/12/2008 14:31	LBW	EPA 300.0
Sulfate	3.1	mg/l		2.0	06/10/2008 16:53	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Barium	0.04	mg/l		0.01	05/23/2008 09:21	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	05/23/2008 11:56	MJH	EPA 200.8
Calcium	4.3	mg/l		0.10	05/23/2008 09:21	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Iron	< RDL	mg/l		0.05	05/23/2008 09:21	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Magnesium	2.3	mg/l		0.10	05/23/2008 09:21	MER	EPA 200.7
Manganese ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	06/05/2008 12:00	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Potassium	2.0	mg/l		0.5	05/23/2008 09:21	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	05/23/2008 11:56	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	05/23/2008 11:56	MJH	EPA 200.8
Sodium	3.1	mg/l		0.50	05/23/2008 09:21	MER	EPA 200.7
Zinc	0.03	mg/l		0.01	05/23/2008 09:21	MER	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC34669	Blue Ridge Paper Co. Landfill Leachate grab, collected on 05/22/2008 at 13:40

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				06/26/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 19 pages for TOX from Test America.

pH (Field)	7.9	pH units		0.1	05/22/2008 13:40	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	22340	umhos/cm		10	05/22/2008 13:40	JHF	SM 2510B
Temperature (Field)	25.3	degrees C		0.1	05/22/2008 13:40	JHF	SM 2550B
Turbidity (Field)	36	NTU		1.0	05/22/2008 13:40	JHF	Field Screen
Nitrate-Nitrite as N	0.29	mg/l		0.2	05/23/2008 12:27	MEA	SM 4500NO3H
BOD, 5 Day	120	mg/l		2.0	05/23/2008 14:40	MSA	SM 5210B
COD	427	mg/l		20	06/04/2008 08:33	MEA	EPA 410.4
Nitrite as N	< RDL	mg/l	X	0.02	05/23/2008 10:10	WLD	SM 4500NO2B
Total Dissolved Solids	18700	mg/l		25	05/28/2008 08:45	MEA	SM 2540C
Total Organic Carbon	126	mg/l		0.5	05/30/2008 11:26	MGR	SM 5310C

Sample Number	Sample Description, Date and Time Collected
AC34669	Blue Ridge Paper Co. Landfill Leachate grab, collected on 05/22/2008 at 13:40

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Total Phosphorus	55	mg/l		0.02	06/04/2008 16:00	SGM	SM 4500PE
Analysis comment for Total Phosphorus: Phosphate 170 mg/l by calculation							
Total Recoverable Phenols	< RDL	mg/l	X	0.010	06/10/2008 08:00	WLD	EPA 420.1
Chloride	232	mg/L	S1	2.0	06/12/2008 12:49	LBW	EPA 300.0
Fluoride	< RDL	mg/l	X S1	10	06/12/2008 12:49	LBW	EPA 300.0
Sulfate	1190	mg/l		2.0	06/10/2008 05:24	LBW	EPA 300.0
Arsenic ICPMS	1.1	mg/l		0.50	05/23/2008 11:56	MJH	EPA 200.8
Barium	< RDL	mg/l	X	0.10	05/23/2008 09:21	MER	EPA 200.7
Cadmium ICPMS	< RDL	mg/l	X	0.10	05/23/2008 11:56	MJH	EPA 200.8
Calcium	48	mg/l		1.0	05/23/2008 09:21	MER	EPA 200.7
Chromium ICPMS	< RDL	mg/l	X	0.50	05/23/2008 11:56	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l	X	0.50	05/23/2008 11:56	MJH	EPA 200.8
Iron	< RDL	mg/l	X	0.50	05/23/2008 09:21	MER	EPA 200.7
Lead ICPMS	< RDL	mg/l	X	0.50	05/23/2008 11:56	MJH	EPA 200.8
Magnesium	170	mg/l		1.0	05/23/2008 09:21	MER	EPA 200.7
Manganese ICPMS	0.29	mg/l		0.2	05/23/2008 11:56	MJH	EPA 200.8
Mercury	< RDL	mg/l	X	0.0008	06/05/2008 12:02	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l	X	0.50	05/23/2008 11:56	MJH	EPA 200.8
Potassium	490	mg/l		5.0	05/27/2008 10:52	MER	EPA 200.7
Selenium ICPMS	< RDL	mg/l	X	0.50	05/23/2008 11:56	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l	X	0.20	05/23/2008 11:56	MJH	EPA 200.8
Sodium	5800	mg/l		5.0	05/27/2008 10:52	MER	EPA 200.7
Zinc	< RDL	mg/l	X	0.10	05/23/2008 09:21	MER	EPA 200.7

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

June 26, 2008 1:47:41PM

Client: Rogers & Callcott Engineers, Inc. (13572)
P.O. Box 5655
Greenville, SC 29606
Attn: Susan Gunter

Work Order: NRE2455
Project Name: TOX, NC
Project Nbr: [none]
P/O Nbr:
Date Received: 05/29/08

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
AC34278 / Pigeon R. Down	NRE2455-01	05/19/08 14:35
AC34279 / BB-Up	NRE2455-02	05/19/08 15:15
AC34280 / BB-Down	NRE2455-03	05/19/08 15:50
AC34281 / BB-3	NRE2455-04	05/19/08 16:08
AC34282 / BB-4	NRE2455-05	05/19/08 16:24
AC34283 / Pigeon R. Up	NRE2455-06	05/19/08 16:40
AC34284 / MW-17	NRE2455-07	05/19/08 13:33
AC34285 / MW-20	NRE2455-08	05/19/08 14:17
AC34291 / MW-14	NRE2455-09	05/19/08 15:54
AC34292 / MW-10	NRE2455-10	05/19/08 16:20
AC34513 / MW-15	NRE2455-11	05/20/08 09:30
AC34514 / MW-9	NRE2455-12	05/20/08 10:25
AC34515 / MW-1A	NRE2455-13	05/20/08 11:05
AC34521 / MW-13	NRE2455-14	05/20/08 12:50
AC34527 / MW-16D	NRE2455-15	05/20/08 15:55
AC34533 / MW-16S	NRE2455-16	05/21/08 09:10
AC34534 / MW-11	NRE2455-17	05/21/08 10:05
AC34535 / MW-8	NRE2455-18	05/21/08 10:23
AC34536 / MW-12	NRE2455-19	05/21/08 10:43
AC34649 / MW-18	NRE2455-20	05/21/08 11:59
AC34655 / MW-21	NRE2455-21	05/21/08 14:33
AC34662 / MW-5A	NRE2455-23	05/22/08 10:41
AC34663 / MW-6	NRE2455-24	05/22/08 11:00
AC34664 / MW-7A	NRE2455-25	05/22/08 11:18
AC34665 / MW-3A	NRE2455-26	05/22/08 11:40

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Rogers & Callcott Engineers, Inc. (13572)	Work Order:	NRE2455
	P.O. Box 5655	Project Name:	TOX, NC
	Greenville, SC 29606	Project Number:	[none]
Attn	Susan Gunter	Received:	05/29/08 08:10

AC34666 / MW-4	NRE2455-27	05/22/08 11:59
AC34667 / MW-2	NRE2455-28	05/22/08 12:52
AC34668 / Under Flow Drain	NRE2455-29	05/22/08 13:13
AC34669 / Land Fill Leachate	NRE2455-30	05/22/08 13:40

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Additional Laboratory Comments:
Revised 26 June 08: Corrected analysis quality control information. This final report replaces the final report generated on 25 June 08 at 4:54.
North Carolina Certification Number: 387

The Chain(s) of Custody, 7 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:

Jennifer Gambill

Jennifer Gambill

Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Rogers & Callcott Engineers, Inc. (13572)	Work Order:	NRE2455
	P.O. Box 5655	Project Name:	TOX, NC
	Greenville, SC 29606	Project Number:	[none]
Attn	Susan Gunter	Received:	05/29/08 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE2455-01 (AC34278 / Pigeon R. Down - Water) Sampled: 05/19/08 14:35								
General Chemistry Parameters								
Total Organic Halides	**0.220**	M2	mg/L	0.0300	1	06/04/08 13:06	SW846 9020B	8054414
Sample ID: NRE2455-02 (AC34279 / BB-Up - Water) Sampled: 05/19/08 15:15								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	06/04/08 13:06	SW846 9020B	8054414
Sample ID: NRE2455-03 (AC34280 / BB-Down - Water) Sampled: 05/19/08 15:50								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	06/04/08 13:06	SW846 9020B	8054414
Sample ID: NRE2455-04 (AC34281 / BB-3 - Water) Sampled: 05/19/08 16:08								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	06/04/08 13:06	SW846 9020B	8054414
Sample ID: NRE2455-05 (AC34282 / BB-4 - Water) Sampled: 05/19/08 16:24								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	06/04/08 13:06	SW846 9020B	8054414
Sample ID: NRE2455-06 (AC34283 / Pigeon R. Up - Water) Sampled: 05/19/08 16:40								
General Chemistry Parameters								
Total Organic Halides	**0.277**		mg/L	0.0300	1	06/04/08 13:06	SW846 9020B	8054414
Sample ID: NRE2455-07 (AC34284 / MW-17 - Water) Sampled: 05/19/08 13:33								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	06/04/08 13:06	SW846 9020B	8054414
Sample ID: NRE2455-08 (AC34285 / MW-20 - Water) Sampled: 05/19/08 14:17								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	06/04/08 13:06	SW846 9020B	8054414
Sample ID: NRE2455-09 (AC34291 / MW-14 - Water) Sampled: 05/19/08 15:54								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	06/04/08 13:06	SW846 9020B	8054414
Sample ID: NRE2455-10 (AC34292 / MW-10 - Water) Sampled: 05/19/08 16:20								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	06/04/08 13:06	SW846 9020B	8054414
Sample ID: NRE2455-11 (AC34513 / MW-15 - Water) Sampled: 05/20/08 09:30								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	06/16/08 06:40	SW846 9020B	8060260

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Rogers & Callcott Engineers, Inc. (13572)	Work Order:	NRE2455
	P.O. Box 5655	Project Name:	TOX, NC
	Greenville, SC 29606	Project Number:	[none]
Attn	Susan Gunter	Received:	05/29/08 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE2455-12 (AC34514 / MW-9 - Water) Sampled: 05/20/08 10:25								
General Chemistry Parameters								
Total Organic Halides	**0.0671**	S7	mg/L	0.0300	1	06/16/08 06:40	SW846 9020B	8060260
Sample ID: NRE2455-13 (AC34515 / MW-1A - Water) Sampled: 05/20/08 11:05								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	06/16/08 06:40	SW846 9020B	8060260
Sample ID: NRE2455-14 (AC34521 / MW-13 - Water) Sampled: 05/20/08 12:50								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	06/16/08 06:40	SW846 9020B	8060260
Sample ID: NRE2455-15 (AC34527 / MW-16D - Water) Sampled: 05/20/08 15:55								
General Chemistry Parameters								
Total Organic Halides	**0.0729**		mg/L	0.0300	1	06/16/08 06:40	SW846 9020B	8060260
Sample ID: NRE2455-16 (AC34533 / MW-16S - Water) Sampled: 05/21/08 09:10								
General Chemistry Parameters								
Total Organic Halides	**0.365**	S7	mg/L	0.0300	1	06/16/08 06:40	SW846 9020B	8060260
Sample ID: NRE2455-17 (AC34534 / MW-11 - Water) Sampled: 05/21/08 10:05								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	06/16/08 06:40	SW846 9020B	8060260
Sample ID: NRE2455-18 (AC34535 / MW-8 - Water) Sampled: 05/21/08 10:23								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	06/16/08 06:40	SW846 9020B	8060260
Sample ID: NRE2455-19 (AC34536 / MW-12 - Water) Sampled: 05/21/08 10:43								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	06/16/08 06:40	SW846 9020B	8060260
Sample ID: NRE2455-20 (AC34649 / MW-18 - Water) Sampled: 05/21/08 11:59								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	06/16/08 06:40	SW846 9020B	8060260
Sample ID: NRE2455-21 (AC34655 / MW-21 - Water) Sampled: 05/21/08 14:33								
General Chemistry Parameters								
Total Organic Halides	**0.181**	S7	mg/L	0.0300	1	06/16/08 06:40	SW846 9020B	8060260

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Rogers & Callcott Engineers, Inc. (13572)	Work Order:	NRE2455
	P.O. Box 5655	Project Name:	TOX, NC
	Greenville, SC 29606	Project Number:	[none]
Attn	Susan Gunter	Received:	05/29/08 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE2455-23 (AC34662 / MW-5A - Water) Sampled: 05/22/08 10:41								
General Chemistry Parameters								
Total Organic Halides	**0.281**	S7	mg/L	0.0300	1	06/16/08 06:40	SW846 9020B	8060260
Sample ID: NRE2455-24 (AC34663 / MW-6 - Water) Sampled: 05/22/08 11:00								
General Chemistry Parameters								
Total Organic Halides	**0.239**	S7	mg/L	0.0300	1	06/16/08 06:40	SW846 9020B	8060260
Sample ID: NRE2455-25 (AC34664 / MW-7A - Water) Sampled: 05/22/08 11:18								
General Chemistry Parameters								
Total Organic Halides	**0.0382**		mg/L	0.0300	1	06/16/08 06:40	SW846 9020B	8060260
Sample ID: NRE2455-26 (AC34665 / MW-3A - Water) Sampled: 05/22/08 11:40								
General Chemistry Parameters								
Total Organic Halides	**0.142**		mg/L	0.0300	1	06/16/08 06:40	SW846 9020B	8060260
Sample ID: NRE2455-27 (AC34666 / MW-4 - Water) Sampled: 05/22/08 11:59								
General Chemistry Parameters								
Total Organic Halides	**0.0420**	S7	mg/L	0.0300	1	06/16/08 06:40	SW846 9020B	8060260
Sample ID: NRE2455-28 (AC34667 / MW-2 - Water) Sampled: 05/22/08 12:52								
General Chemistry Parameters								
Total Organic Halides	**0.104**	S7	mg/L	0.0300	1	06/16/08 06:40	SW846 9020B	8060260
Sample ID: NRE2455-29 (AC34668 / Under Flow Drain - Water) Sampled: 05/22/08 13:13								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	06/16/08 06:40	SW846 9020B	8060260
Sample ID: NRE2455-30 (AC34669 / Land Fill Leachate - Water) Sampled: 05/22/08 13:40								
General Chemistry Parameters								
Total Organic Halides	**0.647**	S7	mg/L	0.300	1	06/16/08 06:40	SW846 9020B	8060260

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Rogers & Callcott Engineers, Inc. (13572)	Work Order:	NRE2455
	P.O. Box 5655	Project Name:	TOX, NC
	Greenville, SC 29606	Project Number:	[none]
Attn	Susan Gunter	Received:	05/29/08 08:10

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
8054414-BLK1						
Total Organic Halides	<0.0270		mg/L	8054414	8054414-BLK1	06/04/08 13:06
8060260-BLK1						
Total Organic Halides	<0.0270		mg/L	8060260	8060260-BLK1	06/16/08 06:40

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Rogers & Callcott Engineers, Inc. (13572)	Work Order:	NRE2455
	P.O. Box 5655	Project Name:	TOX, NC
	Greenville, SC 29606	Project Number:	[none]
Attn	Susan Gunter	Received:	05/29/08 08:10

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters									
8054414-DUP1									
Total Organic Halides	0.277	0.274		mg/L	1	50	8054414	NRE2455-06	06/04/08 13:06
8060260-DUP1									
Total Organic Halides	0.181	0.197		mg/L	8	50	8060260	NRE2455-21	06/16/08 06:40
8060260-DUP2									
Total Organic Halides	0.239	0.244		mg/L	2	50	8060260	NRE2455-24	06/16/08 06:40

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Rogers & Callcott Engineers, Inc. (13572)	Work Order:	NRE2455
	P.O. Box 5655	Project Name:	TOX, NC
	Greenville, SC 29606	Project Number:	[none]
Attn	Susan Gunter	Received:	05/29/08 08:10

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
8054414-BS1								
Total Organic Halides	0.250	0.235		mg/L	94%	90 - 130	8054414	06/04/08 13:06
8060260-BS1								
Total Organic Halides	0.250	0.259		mg/L	104%	90 - 130	8060260	06/16/08 06:40

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Rogers & Callcott Engineers, Inc. (13572)	Work Order:	NRE2455
	P.O. Box 5655	Project Name:	TOX, NC
	Greenville, SC 29606	Project Number:	[none]
Attn	Susan Gunter	Received:	05/29/08 08:10

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
General Chemistry Parameters										
8054414-MS1										
Total Organic Halides	0.220	0.250	M2	mg/L	0.250	12%	74 - 131	8054414	NRE2455-01	06/04/08 13:06
8060260-MS1										
Total Organic Halides	ND	0.0966		mg/L	0.100	97%	74 - 131	8060260	NRE2455-11	06/16/08 06:40

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Rogers & Callcott Engineers, Inc. (13572)	Work Order:	NRE2455
	P.O. Box 5655	Project Name:	TOX, NC
	Greenville, SC 29606	Project Number:	[none]
Attn	Susan Gunter	Received:	05/29/08 08:10

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
80544i 4-MSD1												
Total Organic Halides	0.220	0.222	M2	mg/L	0.250	1%	74 - 131	12	50	8054414	NRE2455-01	06/04/08 13:06
8060260-MSD1												
Total Organic Halides	ND	0.0904		mg/L	0.100	90%	74 - 131	7	50	8060260	NRE2455-11	06/16/08 06:40

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Rogers & Callcott Engineers, Inc. (13572)	Work Order:	NRE2455
	P.O. Box 5655	Project Name:	TOX, NC
	Greenville, SC 29606	Project Number:	[none]
Attn	Susan Gunter	Received:	05/29/08 08:10

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	North Carolina
SW846 9020B	Water	N/A	X	X

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Rogers & Callcott Engineers, Inc. (13572)	Work Order:	NRE2455
	P.O. Box 5655	Project Name:	TOX, NC
	Greenville, SC 29606	Project Number:	[none]
Attn	Susan Gunter	Received:	05/29/08 08:10

DATA QUALIFIERS AND DEFINITIONS

M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
S7	Sample breakthrough to 2nd section is > 10%. Results may be biased low.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica
Nashville, TN

COOLER RECEIPT FORM

NRE2455

Cooler Received/Opened On: 5/29/08 @ 8:10

1. Tracking # 4617 (last 4 digits, FedEx)

   Fed-Ex IR Gun ID:92171982

2. Temperature of rep. sample or temp blank when opened: 2.2 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES NO NA

   If yes, how many and where: _____

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and intact YES...NO...NA

   Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA *

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

   If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# 48822

* AC34667 & AC34669 EACH HAD A pH = 8

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 4/18/07

ROGERS & CALLCOTT LABORATORY SERVICES

P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address: 718 Lowndes Hill Road
Greenville, SC 29607

NRE2455
06/27/08 23:59

CHAIN OF CUSTODY RECORD

Client Name: Rogers & Callcott

Address:

Report To: Susan Gunter

Telephone No.: FAX No.:

PO No.: Project No.:

Rogers & Callcott Lab No.	Yr 08 Date	Time	Sample Description	Total Number of Containers	PARAMETERS: TOX							
Filtered (Yes/No)					N							
Cooled (Yes/No)					Y							
Container Type (P/G)					G							
Container Volume					500							
Sample Type (Grab/Composite)					G							
Sample Source (WW, GW, DW, Other)					GW							
Sample Source Chlorinated (Yes/No)					N							
Lab Receipt Cl2 Check												
Lab Receipt pH Check												
Preserved (Code)					B							
AC 34278	5/19	1435	Pigeon R. Down	1	1			01				N.C. samples
34279		1515	BB - Up	1	1			02				(North Carolina)
34[illegible]		1550	BB - Down	1	1			03				
34[illegible]		1608	BB - 3	1	1			04				
34282		1624	BB - 4	1	1			05				
34283		1640	Pigeon R. Up	1	1			06				
34284		1333	MW-17	1	1			07				

Preserved (Code): A-None, B-HNO_3, C-H_2SO_4, D-NaOH, E-HCL, F-$Na_2S_2O_3$, G-Boric Acid, H-Ascorbic Acid, I- ____

COMMENTS:

SAMPLER Relinquished by (Sig.) ①	Date/Time 5/20/08	Received by (Sig.) ② Shipper Name & # Fedex	Date/Time
Relinquished by (Sig.) ③ Fedex	Date/Time	Received by (Sig.) ④ Shipper Name & #	Date/Time
Relinquished by (Sig.) ⑤	Date/Time	Received by (Sig.) ⑥ Shipper Name & #	Date/Time 5/20/08 810
Seal # at'chd by ◯	Recvd. Intact by ◯	Seal # at'chd by ◯	Recvd. Intact by ◯

KNOWN HAZARDS ASSOCIATED WITH SAMPLES

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt ____ °C

ROGERS & CALLCOTT LABORATORY SERVICES

P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address 718 Lowndes Hill Road
Greenville, SC 29607

NRE2455
06/27/08 23 59

CHAIN OF CUSTODY RECORD

Client Name: Rogers & Callcott

Address:

Report To: Susan Gunter

Telephone No.: FAX No.:

PO No.: Project No.:

Rogers & Callcott Lab No.	Yr 08 Date	Time	Sample Description	Total Number of Containers	PARAMETERS: TOX								
Filtered (Yes/No)					N								
Cooled (Yes/No)					Y								
Container Type (P/G)					G								
Container Volume					500								
Sample Type (Grab/Composite)					G								
Sample Source (WW, GW, DW, Other)					GW								
Sample Source Chlorinated (Yes/No)					N								
Lab Receipt Cl, Check													
Lab Receipt pH Check													
Preserved (Code)					B								
AC 34285	5/19	1417	MW-20	1	1		08						N. C. Samples
34291	↓	1554	MW-14	1	1		09						
34292	✓	1620	MW-10	1	1		10						
34513	5/20	0930	MW-15	1	1		11						
34514	↓	1025	MW-9	1	1		12						
34515	↓	1105	MW-1A	1	1		13						
34521	↓	1230	MW-13				14						

Preserved (Code): A-None, B-HNO_3, C-H_2SO_4, D-NaOH, E-HCL, F-$Na_2S_2O_3$, G-Boric Acid, H-Ascorbic Acid, I- ____

COMMENTS:

SAMPLER Relinquished by (Sig.) ①	Date/Time 5/28/08	Received by (Sig.) ② Shipper Name & #	Date/Time
Relinquished by (Sig.) ③	Date/Time	Received by (Sig.) ④ Shipper Name & #	Date/Time
Relinquished by (Sig.) ⑤	Date/Time	Received by (Sig.) ⑥ Shipper Name & #	Date/Time 5/29/08 810

KNOWN HAZARDS ASSOCIATED WITH SAMPLES

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt ____ °C

Seal # at'chd by ◯ Recvd. Intact by ◯ Seal # at'chd by ◯ Recvd. Intact by ◯

Form Revised July 1999

R/C COC FORM

ROGERS & CALLCOTT LABORATORY SERVICES

P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address: 718 Lowndes Hill Road
Greenville, SC 29607

NRE2455
06/27/08 23 59

CHAIN OF CUSTODY RECORD

Client Name: Rogers & Callcott

Address:

Report To: Susan Counter

Telephone No.: FAX No.:

PO No.: Project No.:

Rogers & Callcott Lab No.	Yr 08 Date	Time	Sample Description	Total Number of Containers	PARAMETERS: TOX								
					B								
Filtered (Yes/No)					N								
Cooled (Yes/No)					Y								
Container Type (P/G)					G								
Container Volume					500								
Sample Type (Grab/Composite)					G								
Sample Source (WW, GW, DW, Other)					GW								
Sample Source Chlorinated (Yes/No)					N								
Lab Receipt Cl, Check													
Lab Receipt pH Check													
AC 34527	5/20	1555	MW-16D	1	1		15						N.C. Samples
34533	5/21	0910	MW-16S	1	1		16						
34534		1005	MW-11	1	1		17						
34535		1023	MW-8	1	1		18						
34536		1043	MW-12	1	1		19						
34649		1159	MW-18	1	1		20						
34655		1433	MW-21	1	1		21						

Preserved (Code): A-None, B-HNO_3, C-H_2SO_4, D-NaOH, E-HCL, F-$Na_2S_2O_3$, G-Boric Acid, H-Ascorbic Acid, I- ____

COMMENTS:

SAMPLER Relinquished by (Sig.) ①	Date/Time 5/28/08	Received by (Sig.) ② Shipper Name & # Fedex	Date/Time
Relinquished by (Sig.) ③ Fedex	Date/Time	Received by (Sig.) ④ Shipper Name & #	Date/Time
Relinquished by (Sig.) ⑤	Date/Time	Received by (Sig.) ⑥ Shipper Name & #	Date/Time 5/28/08 810
Seal # at'chd by ◯	Recvd. Intact by ◯	Seal # at'chd by ◯	Recvd. Intact by ◯

KNOWN HAZARDS ASSOCIATED WITH SAMPLES

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt ____ °C

Form Revised July 1999

R/C COC FORM

NRE2455
06/27/08 23 59

ROGERS & CALLCOTT LABORATORY SERVICES

Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address. 718 Lowndes Hill Road
Greenville, SC 29607

CHAIN OF CUSTODY RECORD

Client Name: Rogers & Callcott

Address:

Report To: Susan Gunter

Telephone No.: FAX No.:

PO No.: Project No.:

Rogers & Callcott Lab No.	Yr. 08 Date	Time	Sample Description	Total Number of Containers	PARAMETERS								
Filtered (Yes/No)						N							
Cooled (Yes/No)						Y							
Container Type (P/G)						G							
Container Volume						500							
Sample Type (Grab/Composite)						G							
Sample Source (WW, GW, DW, Other)						GW							
Sample Source Chlorinated (Yes/No)						N							
Lab Receipt Cl, Check													
Lab Receipt pH Check													
Preserved (Code)						B							
Ac	34668	5/22	1313	Under Flow Drain	1	TOT	1	24					N.C. Samples
	34669	↓	1340	Landfill Leachate	1		1	30					
	~~34675~~	~~↓~~	~~1447~~	~~CP - Down~~	~~1~~		~~1~~	~~24~~					

A-None, B-HNO_3, C-H_2SO_4, D-NaOH, E-HCL, F-$Na_2S_2O_3$, G-Boric Acid, H-Ascorbic Acid, I- ____

COMMENTS:

SAMPLER Relinquished by (Sig.) ①	Date/Time 5/22/08	Received by (Sig.) ② Shipper Name & # Fedex	Date/Time
Relinquished by (Sig.) ③ Fedex	Date/Time	Received by (Sig.) ④ Shipper Name & #	Date/Time
Relinquished by (Sig.) ⑤	Date/Time	Received by (Sig.) ⑥ Shipper Name & #	Date/Time 5/23/08 830

Seal # at'chd by ◯ Recvd. Intact by ◯ Seal # at'chd by ◯ Recvd. Intact by ◯

KNOWN HAZARDS ASSOCIATED WITH SAMPLES

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt ____ °C

Form Revised July 1999

R/C COC FORM

NRE2455
06/27/08 23:59

ROGERS & CALLCOTT LABORATORY SERVICES

P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address: 718 Lowndes Hill Road
Greenville, SC 29607

CHAIN OF CUSTODY RECORD

Client Name: Rogers & Callcott

Address:

Report To:

Telephone No.: FAX No.:

PO No.: Project No.:

Rogers & Callcott Lab No.	Year Date	Time	Sample Description	Total Number of Containers	PARAMETERS: TOX							
Filtered (Yes/No)					N							
Cooled (Yes/No)					Y							
Container Type (P/G)					G							
Container Volume					500							
Sample Type (Grab/Composite)					G							
Sample Source (WW, GW, DW, Other)					GW							
Sample Source Chlorinated (Yes/No)					N							
Lab Receipt Cl2 Check												
Lab Receipt pH Check												
Preserved (Code)					B							
AC	~~34661~~	~~5/20~~	~~0941~~	~~CP-UP~~	~~1~~	~~1~~	~~22~~					
	34662		1041	MW-5A	1	1	23					
	34663		1100	MW-6	1	1	24					
	34664		1118	MW-7A	1	1	25					
	34665		1140	MW-3A	1	1	26					
	34666		1159	MW-4	1	1	~~27~~ 27					
	34667		1252	MW-2	1	1	28					

A-None, B-HNO_3, C-H_2SO_4, D-NaOH, E-HCL, F-$Na_2S_2O_3$, G-Boric Acid, H-Ascorbic Acid, I- ____

COMMENTS: No Samples

SAMPLER Relinquished by (Sig.) ①	Date/Time 5/20/08	Received by (Sig.) ② Fedex Shipper Name & #	Date/Time
Relinquished by (Sig.) ③ Fedex	Date/Time	Received by (Sig.) ④ Shipper Name & #	Date/Time
Relinquished by (Sig.) ⑤	Date/Time	Received by (Sig.) ⑥ Shipper Name & #	Date/Time 4/3/08 80

Seal # at'chd by ◯ Recvd. Intact by ◯ Seal # at'chd by ◯ Recvd. Intact by ◯

KNOWN HAZARDS ASSOCIATED WITH SAMPLES

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt ____ °C

Form Revised July 1999

R/C COC FORM

TestAmerica
Nashville, TN

COOLER RECEIPT FORM

NRE2455
06/27/08 23:59

Cooler Received/Opened On: 5/29/08 @ 8:10

1. Tracking # 4569 (last 4 digits, FedEx)

   Fed-Ex IR Gun ID:92171982

2. Temperature of rep. sample or temp blank when opened: 1.6 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES..NO..NA

   If yes, how many and where: _____

5. Were the seals intact, signed, and dated correctly? YES...NO..NA

6. Were custody papers inside cooler? YES..NO..NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and intact YES...NO..NA

   Were these signed and dated correctly? YES...NO..NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry Ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO..NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 2

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

   If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# _____

SEE 467

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 4/18/07

ROGERS & CALLCOTT
LABORATORY SERVICES
P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address: 718 Lowndes Hill Road
Greenville, SC 29607

CHAIN OF CUSTODY RECORD

Client Name: BRPC

Address: Canton, NC

Report To:

Telephone No.: FAX No.:

PO No.: Project No. GWS04-159

Filtered (Yes/No)	N								
Cooled (Yes/No)	Y								
Container Type (P/G)	P	P	P	P	P	G	G		
Container Volume	500	250	1/2	250	250	1L	500		
Sample Type (Grab/Composite)	G								
Sample Source (WW, GW, DW, Other)	GW								
Sample Source Chlorinated (Yes/No)	N								
Lab Receipt Cl2 Check	NA	NA	NA	NA	NA	NA	NA		
Lab Receipt pH Check	≤2	≤2	NA	≤2	≤2	≤2	NA	NCS 5-21-08	
Preserved (Code)	B	B	A	C	I	C	B		
PARAMETERS	Total Metals*	Total H2S	Chloride, Fluoride, TDS, NO3, SO4	NO3	TOC	Phenols	TOX		
Total Number of Containers									

Preserved (Code): A–None, B–HNO_3, C–H_2SO_4, D–NaOH, E–HCL, F–$Na_2S_2O_3$, G–Boric Acid, H–Ascorbic Acid, I–[illegible]

Rogers & Callcott Lab No.	Date (Yr 08)	Time	Sample Description	Total Number of Containers	Total Metals*	Total H2S	Chloride, Fluoride, TDS, NO3, SO4	NO3	TOC	Phenols	TOX	COMMENTS:
AC 34278	5-19	1435	Pigeon R. Down	7	1	1	1	1	1	1	1	* As, Ba, Cd, Ca, Cr, Cu, Fe, Pb,
34279		1515	BB-UP	7	1	1	1	1	1	1	1	Mg, Mn, Ni, K, Se, Ag, Na, Zn
34280		1550	BB-Down	7	1	1	1	1	1	1	1	
34281		1608	BB-3	7	1	1	1	1	1	1	1	
34282		1624	BB-4	7	1	1	1	1	1	1	1	
34283		1640	Pigeon R. UP	7	1	1	1	1	1	1	1	

SAMPLER Relinquished by (Sig.)	Date/Time	Received by (Sig.)	Date/Time
① [signature]	5-19-08 1645	② [signature] Shipper Name & #	5-19-08 1645
Relinquished by (Sig.) ③ [signature]	5-19-08 1900	Received by (Sig.) ④ Secured area Shipper Name & #	
Relinquished by (Sig.) ⑤ Secured area		Received by (Sig.) ⑥ [signature] Shipper Name & #	5/20/08 0730
Seal # at'chd by ◯ Recvd. Intact by ◯		Seal # at'chd by ◯ Recvd. Intact by ◯	

KNOWN HAZARDS ASSOCIATED WITH SAMPLES

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt 1.2 °C

Form Revised July 1999

R/C COC FORM

ROGERS & CALLCOTT LABORATORY SERVICES

P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address: 718 Lowndes Hill Road
Greenville, SC 29607

CHAIN OF CUSTODY RECORD

Client Name: BRPC

Address: Canton, NC

Report To:

Telephone No.: FAX No.:

PO No.: Project No. GWS 04-159

Filtered (Yes/No)	N	N	N	N	N	N							
Cooled (Yes/No)	Y	Y	Y	Y	Y	Y							
Container Type (P/G)	P	G	P	P	P	G							
Container Volume	250 mL	1L	500 mL	250 mL	1/2 gal	500 mL							
Sample Type (Grab/Composite)	G	G	G	G	G	G							
Sample Source (WW, GW, DW, Other)	GW	GW	GW	GW	GW	GW							
Sample Source Chlorinated (Yes/No)	N	N	N	N	N	N							
Lab Receipt Cl, Check	NA	NA	NA	NA	NA	NA	NA						
Lab Receipt pH Check	<2	<2	<2	<2	N	N							
Preserved (Code)	I	C	B	B	A	B							
PARAMETERS	TOC	Phenol	Metals	Hg	Cl, Fluoride, TDS, NO3, SO4	TOX	*Subcontract NO3						
Total Number of Containers													

Preserved (Code): A-None, B-HNO3, C-H2SO4, D-NaOH, E-HCL, F-Na2S2O3, G-Boric Acid, H-Ascorbic Acid, I-H3PO4

Lab Receipt Cl, Check: NCS 5-21-08

Rogers & Callcott Lab No.	Yr. 08 Date	Time	Sample Description	Total Number of Containers	TOC	Phenol	Metals	Hg	Cl, Fluoride, TDS, NO3, SO4	TOX	*Subcontract NO3	COMMENTS:
AC 34284	5-19	1333	MW-17	6	-8 1	-6 1	-R1 1	-R2 1	-M 1	1	✓	*As, Ba, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn
34285	5-19	1417	MW-20	6	-8 1	-6 1	-R1 1	-R2 1	-M 1	1	✓	Ni, K, Se, Ag, Na, Zn, Hg
34286	5-19	1528	MW-14	1	1							
34287	5-19	1531	MW-14	1		1						① ~~pH~~ ~~pH lowered to~~
34288	5-19	1537	MW-14	1			1					~~pH in lab w/ H2SO4~~ SPG 6/5/08
34289	5-19	1540	MW-14	1				1				Field data collected
34290-MS	5-19	1542	MW-14	1					1		✓	

SAMPLER Relinquished by (Sig.)	Date/Time	Received by (Sig.)	Date/Time
① [signature]	5-19-08 1900	② Secured area Shipper Name & #	
Relinquished by (Sig.) ③ secured area		Received by (Sig.) ④ [signature] Shipper Name & #	5/20/08 0730
Relinquished by (Sig.) ⑤		Received by (Sig.) ⑥ Shipper Name & #	

Seal # at'chd by ◯ Recvd. Intact by ◯ Seal # at'chd by ◯ Recvd. Intact by ◯

KNOWN HAZARDS ASSOCIATED WITH SAMPLES
*NO3 added per GYM on 6/5/08 SPG

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt 2.1 °C

ROGERS & CALLCOTT
LABORATORY SERVICES
P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address: 718 Lowndes Hill Road
Greenville, SC 29607

CHAIN OF CUSTODY RECORD

Client Name: BRPC

Address: Canton, NC

Report To:

Telephone No. FAX No.

PO No. Project No. GWS 04-159

Rogers & Callcott Lab No.	Yr. 08 Date	Time	Sample Description	Total Number of Containers	TOX (Subcontract)	TOC	Phenol / NH3	Metals *	Hg	Cl, Fluoride, TDS, NO3, SO4	AH3
Filtered (Yes/No)					N	N	N	N	N	N	
Cooled (Yes/No)					Y	Y	Y	Y	Y	Y	
Container Type (P/G)					G	P	G	P	P	P	
Container Volume					500 mL	250 mL	1L	200 mL	250 mL	1 1/2 gal	
Sample Type (Grab/Composite)					G	G	G	G	G	G	
Sample Source (WW, GW, DW, Other)					GW	GW	GW	GW	GW	GW	
Sample Source Chlorinated (Yes/No)					N	N	N	N	N	N	
Lab Receipt Cl, Check					NA	NA	NA	NA	NA	NA	NA
Lab Receipt pH Check					NA	<2	<2	<2	<2	NA	①
Preserved (Code)					B	1	C	B	B	A	
AC	34291	5-19	1554	MW-14	1	1	-P	-G	-P1	-P2	-N1
	34292	5-19	1620	MW-10	6	1	1	1	1	1	1

Preserved (Code): A-None, B-HNO3, C-H2SO4, D-NaOH, E-HCL, F-Na2S2O3, G-Boric Acid, H-Ascorbic Acid, I- H3PO4

COMMENTS:

* See page 1

① poured up in lab & pH lowered ~~to <2 w/ H2SO4~~ SDF 6/5/08

Field data collected

SAMPLER Relinquished by (Sig.)	Date/Time	Received by (Sig.)	Date/Time
①		② Secured area Shipper Name & #	
Relinquished by (Sig.) ③ Secured area	Date/Time	Received by (Sig.) ④ Shipper Name & #	Date/Time 5/21/08 0730
Relinquished by (Sig.) ⑤	Date/Time	Received by (Sig.) ⑥ Shipper Name & #	Date/Time
Seal # at'chd by ◯ Recvd. Intact by ◯		Seal # at'chd by ◯ Recvd. Intact by ◯	

KNOWN HAZARDS ASSOCIATED WITH SAMPLES

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt 3.1 °C

ROGERS & CALLCOTT LABORATORY SERVICES

P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address: 718 Lowndes Hill Road
Greenville, SC 29607

CHAIN OF CUSTODY RECORD

Client Name: BRPC

Address: Canton, NC

Report To:

Telephone No. FAX No.

PO No. Project No. GWS 04-159

ROGERS & CALLCOTT
LABORATORY SERVICES
P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address: 718 Lowndes Hill Road
Greenville, SC 29607

CHAIN OF CUSTODY RECORD

Client Name: BRPC

Address: Canton, NC

Report To:

Telephone No.: FAX No.:

PO No.: Project No. GWS04-159

Rogers & Callcott Lab No.	Yr. 08 Date	Time	Sample Description	Total Number of Containers	PARAMETERS: TOC	Total Metals	Hg	Phenols	Chloride/Fluoride/TDS/NO3/SO4	TOX	NO3	COMMENTS:
AC 34514	5-20	1025	MW-9	6	1	1	1	1	1	1	✓	* See 1st Page
34515	5-20	1105	MW-1A	6	1	1	1	1	1	1	✓	
					P	P1	P2	G	N			(1) poured up in lab & pH lowered to <2 w/ H_2SO_4
												Field Data Collected

Filtered (Yes/No)	N					
Cooled (Yes/No)	Y					
Container Type (P/G)	P	P	P	G	P	G
Container Volume	250	500	250	1L	1/2	500
Sample Type (Grab/Composite)	G					
Sample Source (WW, GW, DW, Other)	GW					
Sample Source Chlorinated (Yes/No)	N					
Lab Receipt Cl, Check NGS/5-28-08	NA	NA	NA	NA	NA	NA
Lab Receipt pH Check	<2	<2	<2	<2		
Preserved (Code)	I	B	B	C	A	B

*Subcontract

A-None, B-HNO_3, C-H_2SO_4, D-NaOH, E-HCL, F-$Na_2S_2O_3$, G-Boric Acid, H-Ascorbic Acid, I-Phosphate

SAMPLER Relinquished by (Sig.)	Date/Time	Received by (Sig.) / Shipper Name & #	Date/Time
① [signature]	5-21-08 1100	② Eric M. Anthony	5-21-08 1100
Relinquished by (Sig.) ③ Eric M. Anthony	5-21-08 1330	Received by (Sig.) ④ [signature] Shipper Name & #	5/21/08 1330
Relinquished by (Sig.) ⑤		Received by (Sig.) ⑥ Shipper Name & #	

Seal # at'chd by ◯ Recvd. Intact by ◯ Seal # at'chd by ◯ Recvd. Intact by ◯

KNOWN HAZARDS ASSOCIATED WITH SAMPLES

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt 0.2 °C

ROGERS & CALLCOTT LABORATORY SERVICES

P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address: 718 Lowndes Hill Road
Greenville, SC 29607

CHAIN OF CUSTODY RECORD

Client Name: BRPC

Address: Canton, NC

Report To:

Telephone No.: FAX No.:

PO No.: Project No. Gus 04-159

Rogers & Callcott Lab No.	Yr 08 Date	Time	Sample Description	Total Number of Containers	TOC	Total Metals *	Hg	Phenols	Chloride/Fluoride/TDS/NO2/SO4	TOX		COMMENTS:
AC 34516	5-20	1224	MW-13	1	1							* See 1st Page
34517		1226		1		1						
34518		1229		1			1					
34519		1232		1				1				
34520		1238		1					1			
34521		1250		1						1		Field Data Collected

PARAMETERS	TOC	Total Metals *	Hg	Phenols	Chloride/Fluoride/TDS/NO2/SO4	TOX		
Filtered (Yes/No)								N
Cooled (Yes/No)								Y
Container Type (P/G)		P	P	P	G	P	G	
Container Volume		250	500	250	1L	½	500	
Sample Type (Grab/Composite)		G						
Sample Source (WW, GW, DW, Other)		GW						
Sample Source Chlorinated (Yes/No)		N						
Lab Receipt Cl, Check NCS 5-28-08		NA	NA	NA	NA	NA	NA	
Lab Receipt pH Check		L2	2	2	2			
Preserved (Code)		I	B	B	C	A	B	

* Subcontract

Preserved (Code): A-None, B-HNO_3, C-H_2SO_4, D-NaOH, E-HCL, F-$Na_2S_2O_3$, G-Boric Acid, H-Ascorbic Acid, I- Phosphate

SAMPLER Relinquished by (Sig.)	Date/Time	Received by (Sig.)	Date/Time
① [signature]	5-21-08 1100	② Eric M. Anthony Shipper Name & #	5-21-08 1100
Relinquished by (Sig.) ③ Eric M. Anthony	5-21-08 1330	Received by (Sig.) ④ [signature] Shipper Name & #	5/21/08 1330
Relinquished by (Sig.) ⑤		Received by (Sig.) ⑥ Shipper Name & #	

Seal # at'chd by ◯ Recvd. Intact by ◯ Seal # at'chd by ◯ Recvd. Intact by ◯

KNOWN HAZARDS ASSOCIATED WITH SAMPLES

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt 0.2 °C

ROGERS & CALLCOTT
LABORATORY SERVICES
P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address: 718 Lowndes Hill Road
Greenville, SC 29607

CHAIN OF CUSTODY RECORD

Client Name: BAPC

Address: Canton, NC

Report To:

Telephone No. FAX No.

PO No. Project No. GWS 04-159

Filtered (Yes/No)	N											
Cooled (Yes/No)	Y											
Container Type (P/G)	P	P	P	G	P	G						
Container Volume	250	500	250	1L	1/2	500						
Sample Type (Grab/Composite)	G											
Sample Source (WW, GW, DW, Other)	GW											
Sample Source Chlorinated (Yes/No)	N											
Lab Receipt Cl, Check 5-28-08	N/A	N/A	N/A	N/A	N/A	N/A						
Lab Receipt pH Check NCJ	≤2	≤2	≤2	≤2	N/A	N/A						
Preserved (Code)		I	B	B	C	A	B					
PARAMETERS		TOC	Total Metals	Hg	Phenols	Chloride/Fluoride/TDS/Metal Scan	TOX					

Preserved (Code): A–None, B–HNO_3, C–H_2SO_4, D–NaOH, E–HCL, F–$Na_2S_2O_3$, G–Boric Acid, H–Ascorbic Acid, I–phosphoric

* Subcontract

Rogers & Callcott Lab No.	Yr. 08 Date	Time	Sample Description	Total Number of Containers	TOC	Total Metals	Hg	Phenols	Chloride/Fluoride/TDS/Metal Scan	TOX		COMMENTS:
AC 34522	5-20	1529	MW-16D	1	1							★ see 1st Page
34523		1531		1		1						
34524		1534		1			1					
34525		1538		1				1				
34526	5/21	1544		1					1			
34527		1555		1						1		Field Data Collected

SAMPLER Relinquished by (Sig.)	Date/Time	Received by (Sig.)	Date/Time
① [signature]	5-21-08 1100	② [signature] Shipper Name & #	5-21-08 1100
Relinquished by (Sig.) ③ [signature]	5-21-08 1330	Received by (Sig.) ④ [signature] Shipper Name & #	5/21/08 1330
Relinquished by (Sig.) ⑤		Received by (Sig.) ⑥ Shipper Name & #	
Seal # at'chd by ◯ Recvd. Intact by ◯		Seal # at'chd by ◯ Recvd. Intact by ◯	

KNOWN HAZARDS ASSOCIATED WITH SAMPLES

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt 0.2 °C

ROGERS & CALLCOTT LABORATORY SERVICES

P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address: 718 Lowndes Hill Road
Greenville, SC 29607

CHAIN OF CUSTODY RECORD

Client Name: BRPC

Address: Canton, NC

Report To:

Telephone No.: FAX No.:

PO No.: Project No. GWS 04-159

Rogers & Callcott Lab No.	Yr. 08 Date	Time	Sample Description	Total Number of Containers	PARAMETERS: TOC	Total Metals	Hg	Phenols / NO3	Chloride / Fluoride / TDS / NO2 / SO4	TOX - subcontract		COMMENTS:
					I	B	B	C	A	B		
			Filtered (Yes/No)		N							
			Cooled (Yes/No)		Y							
			Container Type (P/G)		P	P	P	G	P	G		
			Container Volume		250	500	250	1L	½	500		
			Sample Type (Grab/Composite)		G							
			Sample Source (WW, GW, DW, Other)		GW							
			Sample Source Chlorinated (Yes/No)		N							
			Lab Receipt Cl2 Check		NA	NA	NA	NA	NA	NA		NGS 5-28-08
			Lab Receipt pH Check		<2	<2	<2	<2	NA	NA		
AC 31528	5-21	0846	MW-16S	1	1							See 1st Page
31530		0848		1		1						
31531		0851		1			1					
31532	1	0853		1				1				
31533	2	0859		1					1			
31534	3	0910		1						1		Field Data Collected
5/21/08												

Preserved (Code): A-None, B-HNO3, C-H2SO4, D-NaOH, E-HCL, F-Na2S2O3, G-Boric Acid, H-Ascorbic Acid, I-Phosphate

SAMPLER Relinquished by (Sig.)	Date/Time	Received by (Sig.)	Date/Time	KNOWN HAZARDS ASSOCIATED WITH SAMPLES
① [signature]	5-21-08 1100	② Eric M. Anthony Shipper Name & #	5-21-08 1100	
Relinquished by (Sig.) ③ Eric M. Anthony	5-21-08 1330	Received by (Sig.) ④ [signature] Shipper Name & #	5/21/08 1330	
Relinquished by (Sig.) ⑤	Date/Time	Received by (Sig.) ⑥ Shipper Name & #	Date/Time	Temperature of blank or representative sample: At time of collection ___ °C; At time of lab receipt 0.7 °C
Seal # at'chd by ◯ Recvd. Intact by ◯		Seal # at'chd by ◯ Recvd. Intact by ◯		

ROGERS & CALLCOTT LABORATORY SERVICES

P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address: 718 Lowndes Hill Road
Greenville, SC 29607

CHAIN OF CUSTODY RECORD

Client Name: BRPC

Address: Canton, NC

Report To:

Telephone No.: FAX No.:

PO No.: Project No. GWS 04-159

Rogers & Callcott Lab No.	Yr. 08 Date	Time	Sample Description	Total Number of Containers	PARAMETERS: TOC	Total Metals	Hg	Phenols	Chloride/Fluoride/TDS/NO3/SO4	TOX		
					I	B	B	C	A	B		
					12	12	12	12	NA	NA		
					P	P	P	G	P	G		
					250	500	250	1L	½	500		
					G							
					GW							
					N							
					NA	NA	NA	NA	NA	NA		
					N							
					Y							
					N							
AC 34534	5-21	1005	MW-11	6	1	1	1	1	1	1		See 1st Page
34535		1023	MW-8	6	1	1	1	1	1	1		
34536		1043	MW-12	6	1	1	1	1	1	1		
												Field Data Collected

Filtered (Yes/No): N, Y
Cooled (Yes/No): Y
Container Type (P/G): P, P, P, G, P, G
Container Volume: 250, 500, 250, 1L, ½, 500
Sample Type (Grab/Composite): G
Sample Source (WW, GW, DW, Other): GW
Sample Source Chlorinated (Yes/No): N
Lab Receipt Cl, Check: NGS
Lab Receipt pH Check: 5-28-08

Preserved (Code): A-None, B-HNO_3, C-H_2SO_4, D-NaOH, E-HCL, F-$Na_2S_2O_3$, G-Boric Acid, H-Ascorbic Acid, I-Phosphate.

* Subcontract

COMMENTS:

SAMPLER Relinquished by (Sig.)	Date/Time	Received by (Sig.)	Date/Time
① [signature]	5-21-08 1100	② Eric M. Anthony, Shipper Name & #	5-21-08 1100
Relinquished by (Sig.) ③ Eric M. Anthony	5-21-08 1330	Received by (Sig.) ④ [signature], Shipper Name & #	5/21/08 1330
Relinquished by (Sig.) ⑤	Date/Time	Received by (Sig.) ⑥ Shipper Name & #	Date/Time

Seal # at'chd by ◯ Recvd. Intact by ◯ Seal # at'chd by ◯ Recvd. Intact by ◯

KNOWN HAZARDS ASSOCIATED WITH SAMPLES

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt 0.2 °C

ROGERS & CALLCOTT
LABORATORY SERVICES
P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address: 718 Lowndes Hill Road
Greenville, SC 29607

CHAIN OF CUSTODY RECORD

Client Name: BRPC

Address: Canton, NC

Report To:

Telephone No.: FAX No.:

PO No.: Project No. GWS 04-159

Rogers & Callcott Lab No.	Yr. 08 Date	Time	Sample Description	Total Number of Containers	TOC	Total Metals *	Hg	Phenols	Chloride/Fluoride/TDS/NO2/SO4	TOX		COMMENTS:
AC 34644	5-21	1133	MW-18	1	1							* As, Ba, Cd, Ca, Cr, Cu, Fe,
34645		1135		1		1						Pb, Mg, Mn, Ni, K, Se, Ag, Na,
34646		1138		1			1					Zn
34647		1140		1				1				
34648		1148		1					1			
34649		1159		1						1		Field Data Collected

Filtered (Yes/No)	N	Y	
Cooled (Yes/No)	Y	Y	
Container Type (P/G)	P	P	P	G	P	G
Container Volume	250	500	250	1L	1/2	500
Sample Type (Grab/Composite)	G					
Sample Source (WW, GW, DW, Other)	GW					
Sample Source Chlorinated (Yes/No)	N					
Lab Receipt Cl, Check	NA	NA	NA	NA	NA	NA
Lab Receipt pH Check	≤2	≤2	≤2	≤2	N	N
Preserved (Code)	I	B	B	C	A	B

PARAMETERS

* Subcontract

Preserved (Code): A-None, B-HNO_3, C-H_2SO_4, D-NaOH, E-HCL, F-$Na_2S_2O_3$, G-Boric Acid, H-Ascorbic Acid, I- Phosphoric

SAMPLER Relinquished by (Sig.)	Date/Time	Received by (Sig.)	Date/Time
① [signature]	5-22-08 1630	② Norma Salley Shipper Name & #	5/22/08 1630
Relinquished by (Sig.) ③		Received by (Sig.) ④ Shipper Name & #	
Relinquished by (Sig.) ⑤		Received by (Sig.) ⑥ Shipper Name & #	

Seal # at'chd by ◯ Recvd. Intact by ◯ Seal # at'chd by ◯ Recvd. Intact by ◯

KNOWN HAZARDS ASSOCIATED WITH SAMPLES
*NO3 added per GYM on 6/5/08 [illegible]

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt 2.2 °C

ROGERS & CALLCOTT LABORATORY SERVICES

P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address: 718 Lowndes Hill Road
Greenville, SC 29607

CHAIN OF CUSTODY RECORD

Client Name: BRPC

Address: Cartar, NC

Report To:

Telephone No.: FAX No.:

PO No.: Project No. GWS 04-159

Rogers & Callcott Lab No.	Yr. 08 Date	Time	Sample Description	Total Number of Containers	TOC	Total Metals	Hg	Phenols	Chloride, Fluoride, TDS, NO_3, SO_4	TOX*	Subcontract	COMMENTS:
AC 34650	5-21	1409	MW-21	1	1							* See 1st page
34651		1411		1		1						
34652		1414		1			1					
34653		1416		1				1				
34654		1423		1					1			
34655		1433		1						1		Field Data

Filtered (Yes/No)	N										
Cooled (Yes/No)	Y										
Container Type (P/G)	P	P	P	G	P	G					
Container Volume	250	500	250	1L	½	500					
Sample Type (Grab/Composite)	G										
Sample Source (WW, GW, DW, Other)	GW										
Sample Source Chlorinated (Yes/No)	N										
Lab Receipt Cl, Check	NCS 5-28-08										
Lab Receipt pH Check	NA	NA	NA	NA	NA	NA					
Preserved (Code)	I	B	B	C	A	B					

A-None, B-HNO_3, C-H_2SO_4, D-NaOH, E-HCL, F-$Na_2S_2O_3$, G-Boric Acid, H-Ascorbic Acid, I- Phosphate

SAMPLER Relinquished by (Sig.)	Date/Time	Received by (Sig.)	Date/Time
① [signature]	5-22-08 1630	② Norma Dalley Shipper Name & #	5/22/08 1630
Relinquished by (Sig.) ③	Date/Time	Received by (Sig.) ④ Shipper Name & #	Date/Time
Relinquished by (Sig.) ⑤	Date/Time	Received by (Sig.) ⑥ Shipper Name & #	Date/Time
Seal # at'chd by ◯	Recvd. Intact by ◯	Seal # at'chd by ◯	Recvd. Intact by ◯

KNOWN HAZARDS ASSOCIATED WITH SAMPLES

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt 2.2 °C

ROGERS & CALLCOTT LABORATORY SERVICES

P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address: 718 Lowndes Hill Road
Greenville, SC 29607

CHAIN OF CUSTODY RECORD

Client Name: BRPC

Address: Canton, NC

Report To:

Telephone No.: FAX No.:

PO No.: Project No. GWS 04-159

Rogers & Callcott Lab No.	Yr 08 Date	Time	Sample Description	Total Number of Containers	PARAMETERS: TOC	Total/Metals	Hg	Phenols/NO3	Chlorid, Fluoride, TDS, NO2, SO4	TOX	+ Subcontract	COMMENTS
AC 34662	5-22	1041	MW-5A	6	1	1	1	1	1	1		* See list page.
34663		1100	MW-6	6	1	1	1	1	1	1		
34664		1118	MW-7A	6	1	1	1	1	1	1		① Not PRESERVED
34665		1140	MW-3A	6	1	1	1	1	1	1		
34666		1159	MW-4	6	1	1	1	1	1	1		
34667		1252	MW-2	6	① 1	1 ①	① 1	1 ①	1	1		Field Data collected

Filtered (Yes/No)	N				
Cooled (Yes/No)	Y				
Container Type (P/G)	P	P	P	G	P	G
Container Volume	250	500	250	1L	1/2	500
Sample Type (Grab/Composite)	G					
Sample Source (WW, GW, DW, Other)	GW					
Sample Source Chlorinated (Yes/No)	N					
Lab Receipt Cl. Check	NA	NA	NA	NA	NA	NA
Lab Receipt pH Check	2	2	2	2	NA	NA
Preserved (Code)	I	B	B	C	A	B

Preserved (Code): A-None, B-HNO_3, C-H_2SO_4, D-NaOH, E-HCL, F-$Na_2S_2O_3$, G-Boric Acid, H-Ascorbic Acid, I- Phosphate

COMMENTS:

SAMPLER Relinquished by (Sig.) ①	Date/Time 5-22-08 1630	Received by (Sig.) ② Norma Salley Shipper Name & #	Date/Time 5/22/08 1630
Relinquished by (Sig.) ③	Date/Time	Received by (Sig.) ④ Shipper Name & #	Date/Time
Relinquished by (Sig.) ⑤	Date/Time	Received by (Sig.) ⑥ Shipper Name & #	Date/Time
Seal # at'chd by ◯	Recvd. Intact by ◯	Seal # at'chd by ◯	Recvd. Intact by ◯

KNOWN HAZARDS ASSOCIATED WITH SAMPLES

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt 2.2 °C

ROGERS & CALLCOTT LABORATORY SERVICES

P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address: 718 Lowndes Hill Road
Greenville, SC 29607

CHAIN OF CUSTODY RECORD

Client Name: BRPC

Address: Canton, NC

Report To:

Telephone No.: FAX No.:

PO No.: Project No. GWS 04-159

Rogers & Callcott Lab No.	Yr. 05 Date	Time	Sample Description	Total Number of Containers	PARAMETERS: TOC	Total Metals*	Hg	Phenol	Chloride, Fluoride, TDS, NO_3, SO_4	TOX*	AlkCOD	JHF5.2208
Filtered (Yes/No)					N							
Cooled (Yes/No)					Y							
Container Type (P/G)					P	P	P	G	P	G	P	
Container Volume					250	500	250	1L	½	500	250	
Sample Type (Grab/Composite)					G							
Sample Source (WW, GW, DW, Other)					GW							
Sample Source Chlorinated (Yes/No)					N							
Lab Receipt Cl, Check NGS/5-28-08					NA	NA	NA	NA	NA	NA	NA	
Lab Receipt pH Check					≤2	≤2	≤2	≤2	NA	NA	≤2	
Preserved (Code)					I	B	B	C	A	B	C	
AC 34668	5-22	1313	Under Flow Drain	7	1	1	1	1	1	1	1	
34669		1340	Landfill Leachate	7	1	1	1	1	1	1	1	

Preserved (Code): A-None, B-HNO_3, C-H_2SO_4, D-NaOH, E-HCL, F-$Na_2S_2O_3$, G-Boric Acid, H-Ascorbic Acid, I-Phosphate

COMMENTS:

* See 1st page
* Subcontract
① NOT PRESERVED

Field Data Collected

SAMPLER Relinquished by (Sig.)	Date/Time	Received by (Sig.)	Date/Time
① [signature]	5-22-08 1630	② Norma Dalley Shipper Name & #	5/22/08 1630
Relinquished by (Sig.) ③		Received by (Sig.) ④ Shipper Name & #	
Relinquished by (Sig.) ⑤		Received by (Sig.) ⑥ Shipper Name & #	

Seal # at'chd by ◯ Recvd. Intact by ◯ Seal # at'chd by ◯ Recvd. Intact by ◯

KNOWN HAZARDS ASSOCIATED WITH SAMPLES

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt 2.0 °C

ROGERS & CALLCOTT
LABORATORY SERVICES
P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address: 718 Lowndes Hill Road
Greenville, SC 29607

CHAIN OF CUSTODY RECORD

Client Name: BAPC

Address: Canton, NC

Report To:

Telephone No.: FAX No.:

PO No.: Project No. GWS 04-159

Rogers & Callcott Lab No.	Yr 08 Date	Time	Sample Description	Total Number of Containers	PARAMETERS								
					Filtered (Yes/No)	N							
					Cooled (Yes/No)	Y							
					Container Type (P/G)	P	P	P					
					Container Volume	250	500	1/2					
					Sample Type (Grab/Composite)	G							
					Sample Source (WW, GW, DW, Other)	GW							
					Sample Source Chlorinated (Yes/No)	N							
					Lab Receipt Cl, Check	NK	NK	NK					
					Lab Receipt pH Check	2	1						
					Preserved (Code)	C	C	A					
						NO_3	NO_3/phosphate	BOD					
AU34670	5-22	1313	Under Flow Drain	2		1-G3		1-N2					
34669		1340	Land Fill Leachate	2			1-G3	1-N2					

Preserved (Code): A-None, B-HNO_3, C-H_2SO_4, D-NaOH, E-HCL, F-$Na_2S_2O_3$, G-Boric Acid, H-Ascorbic Acid, I- ____

COMMENTS:

1 NOT PRESERVED

Field Data Collected

SAMPLER Relinquished by (Sig.)	Date/Time	Received by (Sig.)	Date/Time
1 [signature]	5-22-08 1630	2 Norma Dalley Shipper Name & #	5/22/08 1630
Relinquished by (Sig.) 3	Date/Time	Received by (Sig.) 4 Shipper Name & #	Date/Time
Relinquished by (Sig.) 5	Date/Time	Received by (Sig.) 6 Shipper Name & #	Date/Time

Seal # at'chd by ○ Recvd. Intact by ○ Seal # at'chd by ○ Recvd. Intact by ○

KNOWN HAZARDS ASSOCIATED WITH SAMPLES

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt 2.2 °C

GROUNDWATER LEVEL LOG

CLIENT: BRPC

MEASURING POINT: TOC

COMMENTS:

	DATE: SAMPLER:		5-20-08 JHF/ENA		
WELL #	**TOTAL WELL DEPTH FT**	**1st QTR. WATER LEVEL**	**2nd QTR. WATER LEVEL**	**3rd QTR. WATER LEVEL**	**4th QTR. WATER LEVEL**
MW-14		@	28.71 @ 1758	@	@
MW-15		@	27.50 @ 1734 on 5-19-08	@	@
MW-13		@	19.94 @ 0959	@	@
MW-16D		@	62.10 @ 1317	@	@
MW-16S		@	57.53 @ 1618	@	@
MW-18		@	74.96 @ 1813	@	@
MW-21		@	10.58 @ 1712	@	@
MW-17		@	47.45 @ 1810	@	@
MW-20		@	45.70 @ 1719	@	@
MW-10		@	38.58 @ 1750	@	@
MW-9		@	41.20 @ 1755 on 5-19-08	@	@
MW-1A		@	60.30 @ 1824 on 5-19-08	@	@
MW-11		@	11.94 @ 1043	@	@
MW-8		@	11.56 @ 1435	@	@
MW-12		@	11.51 @ 1640	@	@
MW-5A		@	37.05 @ 1741	@	@
MW-3A		@	7.39 @ 1714	@	@
MW-7A		@	10.61 @ 1729	@	@
MW-6		@	14.02 @ 1734	@	@
MW-4		@	61.14 @ 1721	@	@
MW-2		@	4.40 @ 1804	@	@
		@	@	@	@
		@	@	@	@
		@	@	@	@
		@	@	@	@

CLIENT: BRPC Date: 5-19-08

CONDUCTIVITY METER CALIBRATION EPA METHOD 9050A

Meter Set 2

Time: 0914 Analyst: JHF

METER MODEL: YSI EC300 SERIAL# JC00660 PROBE# 300-4M 06J2575

CELL CONSTANT: 5.01

08-05-01 Exp. 2-10-09 CONC. OF STD #1: 9.8 µmhos/cm AT 25 °C ACTUAL READING: 9.1 µmhos/cm AT 20.3 °C

08-05-03 Exp. 2-18-09 CONC. OF STD #2: 99.4 µmhos/cm AT 25 °C ACTUAL READING: 101.2 µmhos/cm AT 25.9 °C

05-05-05 Exp. 2-18-09 CONC. OF STD #3: 992 µmhos/cm AT 25 °C ACTUAL READING: 946 µmhos/cm AT 19.9 °C

08-01-46 Exp. 04-08 Separate Source Standard #4 447 umhos/cm AT 25 °C ACTUAL READING: 437.4 µmhos/cm AT 19.8 °C

pH METER CALIBRATION EPA METHOD 9040B

Time: 0917 Analyst: JHF

METER MODEL: YSI pH100 SERIAL# JC01684 PROBE# YSI 605377 05A

	READING OF 7.00 BUFFER	READING OF 4.00 BUFFER	READING OF 10.00 BUFFER	Separate Source Standard (7.00)	SLOPE
	7.05	4.09	10.05	7.06	102.6
CIN	07-10-19	07-10-35	07-10-36	07-09-02	

Temperature Compensation for pH Probe: - 0.7 .

Mid-day Reading of Calibration Standards: pH Buffer: 7.0 Actual Reading: 6.97
Conductivity Standard: 924 25°C Actual Reading: 100.3
End of Day Reading of Calibration Standards: pH Buffer: 4.0 Actual Reading: 4.07
Conductivity Standard: 992 25°C Actual Reading: 931

Sample Meter Reading Duplicate (after 10 wells)

Well ID Pigeon R. UP Conductivity 574

pH 8.01 Temperature 20.8

Well Number: Pigeon R. Down ☐ Development ☐ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 5-19-08 Field Personnel: JHF

Site Name/Location: BAPL

Weather Conditions/~Temp: Sunny / 70's °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable PVC
☐ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC

☐ Continuous (Recovery Well)

☒ Surface Water Grab

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): _____ @ _____
Total Depth of Well (b): _____
Length of Water Column in Well (b-a): _____
Well Casing Diameter (inches): _____
Depth to Immiscible Layer: _____

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier		
3 Casing Vol		

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / _____
Steel Protective Casing? Yes / No
Bollards? Yes / No
Flush Mount? Yes / No
Well Locked? Yes / No
Well Pad Condition? Okay / _____
Well Integrity Satisfactory? Okay / _____
Vegetation: Overgrown/ Moderate/ None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-19	1435	-	—	-	-	7.17	21.3	502.2	—	—	-	1	4.66	Initial Reading
		1												
		2												
		3												
		4												
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Clear Precipitate: none Fe^{+2} mg/L= _____

Sample Collection Time: 1435

Comments: _____

Well Number: BB-UP ☐ Development ☐ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 5-19-08 Field Personnel: JHF

Site Name/Location: BBPC

Page 2 of 7

Weather Conditions/~Temp: Sunny / 70 °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable PVC
☐ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC

☐ Continuous (Recovery Well)

☑ Surface Water Grab

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): _____ @ _____
Total Depth of Well (b): _____
Length of Water Column in Well (b-a): _____
Well Casing Diameter (inches): _____
Depth to Immiscible Layer: _____

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier		
3 Casing Vol		

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / _____
Steel Protective Casing? Yes / No
Bollards? Yes / No
Flush Mount? Yes / No
Well Locked? Yes / No
Well Pad Condition? Okay / _____
Well Integrity Satisfactory? Okay / _____
Vegetation: Overgrown/ Moderate/ None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-19	1515	-	—	-	-	7.06	19.6	67.7	—	—	—	1	7.17	Initial Reading
		1												
		2												
		3												
		4												
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Clear Precipitate: none Fe^{+2} mg/L= _____

Sample Collection Time: 1515

Comments: _____

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Well Number: BB - Down ☐ Development ☐ Purging

Date: 5-19-08 Field Personnel: JHF

Site Name/Location: BBPC

Weather Conditions/~Temp: Sunny / 70s °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable PVC
☐ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC

☐ Continuous (Recovery Well)

☑ Surface Wash Grab

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): _____ @ _____

Total Depth of Well (b): _____

Length of Water Column in Well (b-a): _____

Well Casing Diameter (inches): _____

Depth to Immiscible Layer: _____

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier		
3 Casing Vol		

Circle One that Applies

Measuring Point: TOC / Ground Surface

Riser Material: PVC / Steel / _____

Steel Protective Casing? Yes / No

Bollards? Yes / No

Flush Mount? Yes / No

Well Locked? Yes / No

Well Pad Condition? Okay / _____

Well Integrity Satisfactory? Okay / _____

Vegetation: Overgrown/ Moderate/ None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-19	1550	-	–	-	-	7.18	18.7	119.6	–	–	–	1	178	Initial Reading
		1												
		2												
		3												
		4												
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Turbid Precipitate: None Fe^{+2} mg/L= _____

Sample Collection Time: 1550

Comments: Creek is turbid.

Well Number: BB-3 ☐ Development ☐ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 5-17-08 Field Personnel: JHF

Site Name/Location: BRPC Weather Conditions/~Temp: Sunny / 70 °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable PVC
☐ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC

☐ Continuous (Recovery Well)

☒ Surface Water Grab

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): _____ @ _____
Total Depth of Well (b): _____
Length of Water Column in Well (b-a): _____
Well Casing Diameter (inches): _____
Depth to Immiscible Layer: _____

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier		
3 Casing Vol		

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / _____
Steel Protective Casing? Yes / No
Bollards? Yes / No
Flush Mount? Yes / No
Well Locked? Yes / No
Well Pad Condition? Okay / _____
Well Integrity Satisfactory? Okay / _____
Vegetation: Overgrown/ Moderate/ None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-19	1608	-	—	-	-	7.53	18.0	105.6	—	—	—	1	7.36	Initial Reading
		1												
		2												
		3												
		4												
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Clear Precipitate: none Fe^{+2} mg/L= _____

Sample Collection Time: 1608

Comments: _____

Well Number: BB-4 ☐ Development ☐ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 5-19-08 Field Personnel: JHF

Site Name/Location: BAPC

Page 5 of 7

Weather Conditions/~Temp: Surface 170 °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable PVC
☐ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC

☐ Continuous (Recovery Well)

☑ Surface water Grab

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): _____ @ _____

Total Depth of Well (b): _____

Length of Water Column in Well (b-a): _____

Well Casing Diameter (inches): _____

Depth to Immiscible Layer: _____

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier		
3 Casing Vol		

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / _____
Steel Protective Casing? Yes / No
Bollards? Yes / No
Flush Mount? Yes / No
Well Locked? Yes / No
Well Pad Condition? Okay / _____
Well Integrity Satisfactory? Okay / _____
Vegetation: Overgrown/ Moderate/ None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-19	1624	-	—	-	-	7.56	18.1	128.6	—	—	—	1	6.39	Initial Reading
		1												
		2												
		3												
		4												
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Clear Precipitate: None Fe^{+2} mg/L= _____

Sample Collection Time: 1624

Comments: _____

Well Number: Pigeon R. UP ☐ Development ☐ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 5-19-08 Field Personnel: JHF

Site Name/Location: BRPC Weather Conditions/~Temp: Sunny / 70 °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable PVC
☐ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC

☐ Continuous (Recovery Well)

☑ Seston Weh Grab

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): _____ @ _____
Total Depth of Well (b): _____
Length of Water Column in Well (b-a): _____
Well Casing Diameter (inches): _____
Depth to Immiscible Layer: _____

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier		
3 Casing Vol		

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / _____
Steel Protective Casing? Yes / No
Bollards? Yes / No
Flush Mount? Yes / No
Well Locked? Yes / No
Well Pad Condition? Okay / _____
Well Integrity Satisfactory? Okay / _____
Vegetation: Overgrown/ Moderate/ None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-19	1640	-	–	-	-	8.01	20.8	574	–	–	-	1	2.68	Initial Reading
		1												
		2												
		3												
		4												
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Clear Precipitate: none Fe^{+2} mg/L= _____

Sample Collection Time: 1640

Comments: _____

CLIENT: BRPC **Date:** 5-19-08

CONDUCTIVITY METER CALIBRATION EPA METHOD 9050A

Meter Set 1

Time: 0915 Analyst: BCS

METER MODEL: YSI EC300 SERIAL# JC00262 PROBE# 300-4M 05E2405

CELL CONSTANT: 5.10

08-05-01 Exp. 2-10-09 CONC. OF STD #1: 9.8 µmhos/cm AT 25 °C ACTUAL READING: 8.5 µmhos/cm AT 20.0 °C

08-05-03 Exp. 2-18-09 CONC. OF STD #2: 99.4 µmhos/cm AT 25 °C ACTUAL READING: 101.1 µmhos/cm AT 26.0 °C

08-05-05 Exp. 2-18-09 CONC. OF STD #3: 992 µmhos/cm AT 25 °C ACTUAL READING: 963 µmhos/cm AT 20.1 °C

08-01-46 Exp. 04-08 Separate Source Standard #4 447 µmhos/cm AT 25 °C ACTUAL READING: 442.7 µmhos/cm AT 19.6 °C

pH METER CALIBRATION EPA METHOD 9040B

Time: 0925 Analyst: BCS

METER MODEL: YSI pH100 SERIAL# JC01684 PROBE# YSI 605377 06G

	READING OF 7.0 BUFFER	READING OF 4.0 BUFFER	READING OF 10.0 BUFFER	Separate Source Standard	SLOPE
	7.02	4.10	10.06	7.01	102.2
CIN	07-10-19	07-10-35	07-10-36	07-09-02	

Temperature Compensation for pH Probe: + 0.2

Mid-day Reading of Calibration Standards: pH Buffer: 7.00 Actual Reading: 6.97

Conductivity Standard: 100 25°C Actual Reading: 98.2

End of Day Reading of Calibration Standards: pH Buffer: 10.00 Actual Reading: 10.03

Conductivity Standard: 1000 25°C Actual Reading: 930

Sample Meter Reading Duplicate (after 10 wells)

Well ID MW-10 Conductivity 35.7

pH 6.29 Temperature 13.4

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Page 1 of 1

Well Number: MW-17

☐ Development
☑ Purging

Date: 5-19-08 Field Personnel: JHF/ BCS

Site Name/Location: BRPC

Weather Conditions/~Temp: Sunny / 70 °F

Method of Well Evacuation

Pump	Bailer
☑ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable PVC
☐ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC
☐ Continuous (Recovery Well)	
☐ _____	

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): 47.28 @ 1300
Total Depth of Well (b): 65.53
Length of Water Column in Well (b-a): 18.25
Well Casing Diameter (inches): 4"
Depth to Immiscible Layer: -

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	11.9	
3 Casing Vol	35.7	35.7

Circle One that Applies

Measuring Point: (TOC) / Ground Surface
Riser Material: (PVC) / Steel / _____
Steel Protective Casing? ~~Yes~~ / No
Bollards? Yes / ~~No~~
Flush Mount? Yes / ~~No~~
Well Locked? ~~Yes~~ / No
Well Pad Condition? ~~Okay~~ / _____
Well Integrity Satisfactory? ~~Okay~~ / _____
Vegetation: Overgrown / (Moderate) / None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-19	1308	-	2.0	-	-	6.11	16.7	34.7	-	-	-	1	30.2	Initial Reading
	1314	1	2.0	-	11.9	6.07	15.1	30.2	-	-	-	1	6.29	
	1320	2	2.0	-	23.8	6.18	15.4	39.8	-	-	-	1	5.47	
	1326	3	2.0	Dry	35.7	6.23	15.1	41.9	-	-	-	1	4.31	Dry
	1333	4	-	-	Sample	6.29	16.2	35.8	-	-	-	1	3.77	Sample
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ (Moderate) / High) Sample Clarity: Clear Precipitate: none Fe^{+2} mg/L= _____

Sample Collection Time: 1333

Comments: _____

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Page 1 of 1

Well Number: MW-20

☐ Development
☑ Purging

Date: 5-19-08 Field Personnel: BCS

Site Name/Location: BRPC

Weather Conditions/~Temp: Clear / 70's °F

Method of Well Evacuation

Pump	Bailer
☑ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable PVC
☐ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC
☐ Continuous (Recovery Well)	
☐ _____	

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): 45.77 @ 1348
Total Depth of Well (b): 61.50
Length of Water Column in Well (b-a): 15.73
Well Casing Diameter (inches): 4"
Depth to Immiscible Layer: -

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	10.3	
3 Casing Vol	30.9	30.9

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / _____
Steel Protective Casing? Yes / No
Bollards? Yes / No
Flush Mount? Yes / No
Well Locked? Yes / No
Well Pad Condition? Okay / _____
Well Integrity Satisfactory? Okay / _____
Vegetation: Overgrown / Moderate / None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-19	1355	-	1.5	-	-	6.49	17.6	74.1	-	-	-	1	20.0	Initial Reading
	1402	1	1.5	-	10.3	6.53	15.7	83.8	-	-	-	1	6.21	
	1409	2	1.5	-	20.6	6.56	15.3	86.3	-	-	-	1	3.06	
	1416	3	1.5	-	30.9	6.59	15.3	86.2	-	-	-	1		
		4												
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Clear Precipitate: None Fe^{+2} mg/L= -

Sample Collection Time: 1417

Comments:

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Well Number: MW-14

☐ Development
☑ Purging

Date: 5-19-08 Field Personnel: BCS/EWA

Site Name/Location: BRPC

Weather Conditions/~Temp: Clear 170's °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable PVC
☑ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC
☐ Continuous (Recovery Well)	
☐ _____	

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): 28.74 @ 1243
Total Depth of Well (b): 35.18
Length of Water Column in Well (b-a): 6.44
Well Casing Diameter (inches): 2"
Depth to Immiscible Layer: -

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	/	
3 Casing Vol	/	

Circle One that Applies

Measuring Point: ~~TOC~~ / Ground Surface
Riser Material: ~~PVC~~ / Steel / _____
Steel Protective Casing? ~~Yes~~ / No
Bollards? Yes / ~~No~~
Flush Mount? Yes / ~~No~~
Well Locked? ~~Yes~~ / No
Well Pad Condition? ~~Okay~~ / _____
Well Integrity Satisfactory? ~~Okay~~ / _____
Vegetation: Overgrown/ ~~Moderate~~/ None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-19	1430	-	200	-	-	6.21	17.4	171.6	-	-	-	1	51.2	Initial Reading
	1435	1	200	29.08	1000	6.11	17.0	184.3	-	-	-	1	60.1	
	1440	2	185	29.03	1925	6.19	20.2	186.0	-	-	-	1	60.9	
	1445	3	170	28.98	2775	6.15	19.3	193.6	-	-	-	1	86.6	
	1450	4	170	29.10	3625	6.06	17.2	189.4	-	-	-	1	35.4	
	1455	5	170	29.15	4475	6.22	17.1	192.7	-	-	-	1	38.2	
	1500	6	170	29.23	5325	6.24	17.7	196.1	-	-	-	1	25.6	
	1505	7	170	29.20	61.75	6.27	17.3	198.0	-	-	-	1	21.9	

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Clear Precipitate: None Fe^{+2} mg/L= _____

Sample Collection Time: See page 2

Comments: _____

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Well Number: MW-14

☐ Development
☑ Purging

Date: 5-19-08 Field Personnel: BCS/ENA

Site Name/Location: BRPC

Page 2 of 2

Weather Conditions/~Temp: Cl 170 °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable PVC
☑ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC
☐ Continuous (Recovery Well)	
☐ _____	

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): _____ @ _____
Total Depth of Well (b): _____
Length of Water Column in Well (b-a): _____
Well Casing Diameter (inches): _____
Depth to Immiscible Layer: _____

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier		
3 Casing Vol		

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / _____
Steel Protective Casing? Yes / No
Bollards? Yes / No
Flush Mount? Yes / No
Well Locked? Yes / No
Well Pad Condition? Okay / _____
Well Integrity Satisfactory? Okay / _____
Vegetation: Overgrown/ Moderate/ None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-19	1510	-	170	29.23	7025	6.17	16.9	198.1	-	-	-	1	18.3	Initial Reading
	1515	1	170	29.24	7875	6.14	16.8	198.6	-	-	-	1	12.6	
	1520	2	170	29.25	8725	6.11	17.1	197.3	-	-	-	1	11.6	
	1525	3	170	29.26	9575	6.15	16.9	200.5	-	-	-	1	11.3	
		4												
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Cl Precipitate: None Fe^{+2} mg/L= _____

Sample Collection Time: TOC-1528 ; Phenol-1531 ; Metals-1537 ; Hg-1540 ; Cl⁻, Fluoride, TDS, NO_2, SO_4-1542 ; TOX-1554

Comments: _____

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Well Number: MW-10

☐ Development
☑ Purging

Date: 5-19-08 Field Personnel: BCS

Site Name/Location: BRPC

Page 1 of 1

Weather Conditions/~Temp: Cl 120's °F

Method of Well Evacuation

Pump	Bailer
☑ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable PVC
☐ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC

☐ Continuous (Recovery Well)

☐ _____

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): 38.55 @1546
Total Depth of Well (b): 74.38
Length of Water Column in Well (b-a): 35.83
Well Casing Diameter (inches): 2"
Depth to Immiscible Layer: -

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	5.9	
3 Casing Vol	17.7	41.3

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / _____
Steel Protective Casing? Yes / No
Bollards? Yes / No
Flush Mount? Yes / No
Well Locked? Yes / No
Well Pad Condition? Okay / _____
Well Integrity Satisfactory? Okay / _____
Vegetation: Overgrown/ Moderate/ None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate gal/m/(ml/m)	Water Level (feet)	Water Volume Removed gal/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-19	1555	-	1.5	-	-	6.45	16.7	36.6	-	-	-	1	13.6	Initial Reading
	1559	1	1.5	-	5.9	6.27	13.9	36.2	-	-	-	1	132	
	1602	2	2.0	-	11.8	6.23	13.2	36.1	-	-	-	1	45.4	
	1605	3	2.0	-	17.7	6.27	13.2	35.5	-	-	-	1	29.4	
	1608	4	2.0	-	23.6	6.34	13.2	35.9	-	-	-	1	13.6	
	1611	5	2.0	-	29.5	6.31	13.1	36.3	-	-	-	1	10.0	
	1614	6	2.0	-	35.4	6.30	13.2	36.4	-	-	-	1	7.17	
	1617	7	2.0	-	41.3	6.29	13.4	35.7	-	-	-	1	5.20	

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Cl Precipitate: None Fe^{+2} mg/L= _____

Sample Collection Time: 1620

Comments: _____

CLIENT: BRPC **Date:** 5-20-08

CONDUCTIVITY METER CALIBRATION EPA METHOD 9050A

Meter Set 1

Time: 0719 Analyst: JHF

METER MODEL: YSI EC300 SERIAL# JC00262 PROBE# 300-4M 05E2405

CELL CONSTANT: 4.94

08-05-01 Exp. 2-10-09 CONC. OF STD #1: 9.8 µmhos/cm AT 25 °C ACTUAL READING: 8.9 µmhos/cm AT 21.7 °C

08-05-03 Exp. 2-18-09 CONC. OF STD #2: 99.4 µmhos/cm AT 25 °C ACTUAL READING: 97.7 µmhos/cm AT 21.8 °C

08-05-05 Exp. 2-18-09 CONC. OF STD #3: 992 µmhos/cm AT 25 °C ACTUAL READING: 938 µmhos/cm AT 21.7 °C

08-01-46 Exp. 04-08 Separate Source Standard #4 447 µmhos/cm AT 25 °C ACTUAL READING: 430.5 µmhos/cm AT 21.7 °C

pH METER CALIBRATION EPA METHOD 9040B

Time: 0722 Analyst: JHF

METER MODEL: YSI pH100 SERIAL# JC01684 PROBE# YSI 605377 06G

	READING OF 7.0 BUFFER	READING OF 4.0 BUFFER	READING OF 10.0 BUFFER	Separate Source Standard	SLOPE
	7.02	4.08	10.05	7.00	102.3
CIN	07-10-19	07-10-35	07-10-36	07-09-02	

Temperature Compensation for pH Probe: + 0.2

Mid-day Reading of Calibration Standards: pH Buffer: 7.0 Actual Reading: 7.03

Conductivity Standard: 99.4 25°C Actual Reading: 99.5

End of Day Reading of Calibration Standards: pH Buffer: 4.0 Actual Reading: 4.07

Conductivity Standard: 992 25°C Actual Reading: 943

Sample Meter Reading Duplicate (after 10 wells)

Well ID MW-12 Conductivity 208.8

pH 5.99 Temperature 13.5

Well Number: MW-15 ☐ Development ☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 5-20-08 Field Personnel: JHF/ENA

Site Name/Location: BRPC

Page 1 of 1

Weather Conditions/~Temp: Partly Cloudy / 60's °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable PVC
☑ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC
☐ Continuous (Recovery Well)	
☐ _____	

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): 27.50 @ 17:34 5-19-08
Total Depth of Well (b): 43.69
Length of Water Column in Well (b-a): 16.19
Well Casing Diameter (inches): 2"
Depth to Immiscible Layer: —

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	—	
3 Casing Vol	—	4900

Circle One that Applies

Measuring Point: (TOC) / Ground Surface
Riser Material: (PVC) / Steel / _____
Steel Protective Casing? ~~Yes~~ / No
Bollards? Yes / ~~No~~
Flush Mount? Yes / ~~No~~
Well Locked? ~~Yes~~ / No
Well Pad Condition? ~~Okay~~ / _____
Well Integrity Satisfactory? ~~Okay~~ / _____
Vegetation: Overgrown / (Moderate) / None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-20	0821	-	140	-	-	5.80	15.0	53.1	—	—	—	1	390	Initial Reading
	0826	1	140	27.98	700	5.73	15.1	41.0	—	—	—	1	242	
	0831	2	140	27.99	1400	5.82	15.2	40.4	—	—	—	1	150	
	0836	3	140	27.99	2100	5.86	14.8	40.3	—	—	—	1	142	
	0841	4	140	27.99	2800	5.87	15.2	40.5	—	—	—	1	88.7	
	0846	5	140	27.99	3500	5.88	14.8	40.5	—	—	—	1	78.4	
	0851	6	140	27.99	4200	5.91	14.9	40.5	—	—	—	1	49.6	
	0856	7	140	27.99	4900	5.94	14.9	40.5	—	—	—	1	47.0	

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Clear Precipitate: none Fe^{+2} mg/L= _____

Sample Collection Time: TOC - 0858 Total Metals - 0900 Hg - 0905 Phenols - 0907
Cl/Br/Cl/TDS/NO3/SO4 - 0916 TOX - 0930

Comments: Dropped pump in @ 1745 on 5-19-08

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Page 1 of 1

Well Number: MW-9 ☐ Development ☑ Purging

Date: 5-19-08 Field Personnel: JHF / ENA

Site Name/Location: BAPC Weather Conditions/~Temp: Sunny / 70s °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☑ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable PVC
☐ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC
☐ Continuous (Recovery Well)	
☐ _____	

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): 41.20 @ 1755
Total Depth of Well (b): 66.80
Length of Water Column in Well (b-a): 25.60
Well Casing Diameter (inches): 2"
Depth to Immiscible Layer: —

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	4.2	
3 Casing Vol	12.6	5.0

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / _____
Steel Protective Casing? Yes / No
Bollards? Yes / No
Flush Mount? Yes / No
Well Locked? Yes / No
Well Pad Condition? Okay / _____
Well Integrity Satisfactory? Okay / _____
Vegetation: Overgrown/ Moderate/ None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-19	1758	-	—	-	-	6.50	16.3	43.6	—	—	—	1	21.0	Initial Reading
	1807	1	—	—	4.2	6.33	14.6	62.7	—	—	—	1	72.9	
	1809	2	—	—	5.1	6.43	14.2	62.0	—	—	—	1	116	Dry
5-20	1025	3	—	—	Sample	6.08	15.2	34.1	—	—	—	1	27.9	Sample
		4												
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: JHF 5-20-08 ~~102~~ Clear Precipitate: None Fe^{+2} mg/L= _____

Sample Collection Time: 1025

Comments: _____

Well Number: MW-1A

☐ Development
☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Page 1 of 1

Date: 5-19-08 Field Personnel: JHF/ENA

Site Name/Location: BRPC

Weather Conditions/~Temp: Sunny / 70 °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☑ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable PVC
☐ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC
☐ Continuous (Recovery Well)	
☐	

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): 6.30 @ 1824
Total Depth of Well (b): 71.85
Length of Water Column in Well (b-a): 11.55
Well Casing Diameter (inches): 2"
Depth to Immiscible Layer: –

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	1.9	
3 Casing Vol	5.7	5.7

Circle One that Applies

Measuring Point: ~~TOC~~ / Ground Surface
Riser Material: ~~PVC~~ / Steel / _____
Steel Protective Casing? ~~Yes~~ / No
Bollards? ~~Yes~~ / No
Flush Mount? Yes / ~~No~~
Well Locked? ~~Yes~~ / No
Well Pad Condition? ~~Okay~~ / _____
Well Integrity Satisfactory? ~~Okay~~ / _____
Vegetation: Overgrown/ Moderate/ None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-19	1833	-	–	-	-	6.12	14.5	28.2	–	–	–	1	87.3	Initial Reading
	1837	1	–	–	1.9	6.01	13.3	30.0	–	–	–	1	843	
	1845	2	–	–	3.8	5.96	13.2	29.7	–	–	–	1	>1000	
	1849	3	–	–	5.7	5.98	12.9	30.1	–	–	–	1	>1000	
5-20	1105	4										1	68.0	Final Turbidity
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Slightly Turbid Precipitate: none Fe^{+2} mg/L= _____

Sample Collection Time: 1105

Comments: Collected Sample on 5-20-08, well water Turned Turbid after the Metals were collected.

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Page 1 of 2

Well Number: MW-13

☐ Development
☒ Purging

Date: 5-20-08 Field Personnel: JHF/ENA

Site Name/Location: BAPC

Weather Conditions/~Temp: Sunny / 70's °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable PVC
☒ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC
☐ Continuous (Recovery Well)	
☐ _____	

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): 19.94 @ 0959
Total Depth of Well (b): 36.70
Length of Water Column in Well (b-a): 16.76
Well Casing Diameter (inches): 2"
Depth to Immiscible Layer: -

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	—	
3 Casing Vol	—	77 ml

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / _____
Steel Protective Casing? Yes / No
Bollards? Yes / No
Flush Mount? Yes / No
Well Locked? Yes / No
Well Pad Condition? Okay / _____
Well Integrity Satisfactory? Okay / _____
Vegetation: Overgrown / Moderate / None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
	1127	-	140	-	-	6.95	17.6	2254	—	—	—	1	657	Initial Reading
	1132	1	140	20.45	700	6.97	16.8	2284	—	—	—	1	383	
	1137	2	140	20.45	1400	7.06	17.0	2275	—	—	—	1	268	
	1142	3	140	20.46	2100	7.16	18.1	2316	—	—	—	1	193	
	1147	4	140	20.46	2800	7.39	18.7	2326	—	—	—	1	153	
	1152	5	140	20.30	3500	7.11	19.4	2296	—	—	—	1	136	
	1157	6	140	20.29	4200	7.08	19.3	2320	—	—	—	1	131	
	1202	7	140	20.47	4900	7.13	16.6	2312	—	—	—	1	166	

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: _____ Precipitate: _____ Fe^{+2} mg/L= _____

Sample Collection Time: _____

Comments: Dropped pump in @ 1005.

Well Number: MW-13

☐ Development
☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 5-20-08 Field Personnel: JHF/ENA

Site Name/Location: BRPC

Weather Conditions/~Temp: Partly Cloudy 170 °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable PVC
☑ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC
☐ Continuous (Recovery Well)	
☐ _____	

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): 19.94 @ 0959
Total Depth of Well (b): 36.70
Length of Water Column in Well (b-a): 16.76
Well Casing Diameter (inches): 2"
Depth to Immiscible Layer: —

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	—	
3 Casing Vol	—	7700ml

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / _____
Steel Protective Casing? Yes / No
Bollards? Yes / No
Flush Mount? Yes / No
Well Locked? Yes / No
Well Pad Condition? Okay / _____
Well Integrity Satisfactory? Okay / _____
Vegetation: Overgrown / Moderate / None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*) 116 JHF 5-20-08	Comments
5-20	1207	-	140	20.54	5600	7.17	16.5	2312	—	—	—	1	~~2308~~	Initial Reading
	1212	1	140	20.56	6300	7.30	16.9	2333	—	—	—	1	105	
	1217	2	140	20.56	7000	7.26	16.7	2306	—	—	—	1	110	
	1222	3	140	20.60	7700	7.34	16.8	2344	—	—	—	1	107	
		4												
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Slightly Turbid Precipitate: none Fe^{+2} mg/L= _____

Sample Collection Time: TOC - 1224 Total Metals - 1226 Hg - 1229 Phenols - 1232
Chloride/Fluoride/TDS/NO_3/SO_4 - 1238 TOX - 1250

Comments: _____

Well Number: MW-16D ☐ Development ☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 5-20-08 Field Personnel: JHF/ENA

Page 1 of 1

Site Name/Location: BAPC Weather Conditions/~Temp: Mostly Cloudy / 70s °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable PVC
☑ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC
☐ Continuous (Recovery Well)	
☐ _____	

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a) 62.10 @ 1317
Total Depth of Well (b): 111.08
Length of Water Column in Well (b-a): 48.98
Well Casing Diameter (inches): 4"
Depth to Immiscible Layer: -

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	—	
3 Casing Vol	—	2400

Circle One that Applies

Measuring Point: (TOC) / Ground Surface
Riser Material: (PVC) / Steel / _____
Steel Protective Casing? ~~Yes~~ / No
Bollards? ~~Yes~~ / No
Flush Mount? Yes / ~~No~~
Well Locked? ~~Yes~~ / No
Well Pad Condition? ~~Okay~~ / _____
Well Integrity Satisfactory? ~~Okay~~ / _____
Vegetation: (Overgrown) / Moderate / None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m) (ml/m)	Water Level (feet)	Water Volume Removed (gal) (ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-20	1512	-	160	-	-	6.97	17.9	1568	—	—	—	1	27.6	Initial Reading
	1517	1	160	62.30	800	6.86	16.5	1644	—	—	—	2	8.03	
	1522	2	160	62.65	1600	6.83	16.2	1639	—	—	—	2	7.57	
	1527	3	160	62.70	2400	6.82	15.7	1642	—	—	—	2	6.57	
		4												
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Clear Precipitate: none Fe^{+2} mg/L= _____

Sample Collection Time: TOC - 1529 Total Metals - 1531 Hg - 1534 Phenols - 1538
Chloride/Fluoride/TDS/NO_3/SO_4 - 1544 TOX - 1555

Comments: Dropped pump @ 1320.

Well Number: MW-16S ☐ Development ☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 5-21-08 Field Personnel: SHF/ENA

Page 1 of 1

Site Name/Location: BRPC Weather Conditions/~Temp: Cloudy 170 °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable PVC
☑ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC

☐ Continuous (Recovery Well)

☐ _____

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): 57.53 @ 1618
Total Depth of Well (b): 70.30
Length of Water Column in Well (b-a): 12.77
Well Casing Diameter (inches): 4"
Depth to Immiscible Layer: —

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	—	
3 Casing Vol	—	2850~1

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / _____
Steel Protective Casing? Yes / No
Bollards? Yes / No
Flush Mount? Yes / No
Well Locked? Yes / No
Well Pad Condition? Okay / _____
Well Integrity Satisfactory? Okay / _____
Vegetation: Overgrown / Moderate / None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-21	0828	-	190	-	-	6.33	13.9	2280	—	—	—	1	20.1	Initial Reading
	0833	1	190	58.10	950	6.26	14.3	2379	—	—	—	1	4.42	
	0838	2	190	58.30	1900	6.27	14.6	2349	—	—	—	1	3.24	
	0843	3	190	58.35	2850	6.27	14.6	2299	—	—	—	1	2.74	
		4												
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Clear Precipitate: None Fe^{+2} mg/L= _____

Sample Collection Time: TOC- 0846 Total Metals- 0848 Hg- 0851 Phenols- 0853
Chloride / Fluoride / TDS / NO_3 / SO_4- 0859 TOX- 0910

Comments: _____

Well Number: MW-11 ☐ Development ☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 5-20-08 Field Personnel: JHF/ENA

Page 1 of 1

Site Name/Location: BBPC Weather Conditions/~Temp: Mostly Cloudy / 70's °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☑ Disposable PVC
☐ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC
☐ Continuous (Recovery Well)	
☐ _____	

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): 11.94 @ 1043
Total Depth of Well (b): 21.65
Length of Water Column in Well (b-a): 9.71
Well Casing Diameter (inches): 2"
Depth to Immiscible Layer: –

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	1.58	
3 Casing Vol	4.74	1.58

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / _____
Steel Protective Casing? Yes / No
Bollards? Yes / No
Flush Mount? Yes / No
Well Locked? Yes / No
Well Pad Condition? Okay / _____
Well Integrity Satisfactory? Okay / _____
Vegetation: Overgrown/ Moderate/ None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-20	1046	-	–	-	-	5.70	13.1	45.2	–	–	–	1	11.2	Initial Reading
	1050	1	–	–	1.58	5.65	12.3	45.7	–	–	–	1	204	Dry
5-21	1005	2	–	–	Sample	5.85	12.5	56.6	–	–	–	1	7.23	Sample
		3												
		4												
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Clear Precipitate: None Fe^{+2} mg/L= _____

Sample Collection Time: 1005

Comments: _____

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Page 1 of 1

Well Number: MW-8 ☐ Development ☑ Purging

Date: 5-20-08 Field Personnel: JHF/ENA

Site Name/Location: BRPC

Weather Conditions/~Temp: Partly Cloudy / 70's °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☑ Disposable PVC
☐ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC

☐ Continuous (Recovery Well)

☐ _____

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): 11.56 @ 1435

Total Depth of Well (b): 29.14

Length of Water Column in Well (b-a): 17.58

Well Casing Diameter (inches): 2"

Depth to Immiscible Layer: –

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	2.9	
3 Casing Vol	8.7	3.5

Circle One that Applies

Measuring Point: TOC / Ground Surface

Riser Material: PVC / Steel / _____

Steel Protective Casing? Yes / No

Bollards? Yes / No

Flush Mount? Yes / No

Well Locked? Yes / No

Well Pad Condition? Okay / _____

Well Integrity Satisfactory? Okay / _____

Vegetation: Overgrown/ Moderate/ None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-20	1444	-	–	-	-	6.79	15.3	100.4	–	–	-	1	144	Initial Reading
	1449	1	–	–	2.9	6.86	14.2	74.6	–	–	-	1	93.7	
	1450	2	–	–	3.5	6.92	14.2	73.5	–	–	–	1	72.1	Dry
5-21	1023	3	–	–	Sample	6.48	14.1	66.0	–	–	–	1	6.45	Sample
		4												
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Clear Precipitate: none Fe^{+2} mg/L= _____

Sample Collection Time: 1023 on 5-21-08

Comments: _____

Well Number: MW-12 ☐ Development ☐ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 5-20-08 Field Personnel: JHE/ENA

Page 1 of 1

Site Name/Location: BAPC Weather Conditions/~Temp: Cloudy 170 °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☑ Disposable PVC
☐ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC

☐ Continuous (Recovery Well)

☐ _____

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): 11.51 @ 1640
Total Depth of Well (b): 29.02
Length of Water Column in Well (b-a): 17.51
Well Casing Diameter (inches): 2"
Depth to Immiscible Layer: –

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	2.9	
3 Casing Vol	8.7	8.7

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / _____
Steel Protective Casing? Yes / No
Bollards? Yes / No
Flush Mount? Yes / No
Well Locked? Yes / No
Well Pad Condition? Okay / _____
Well Integrity Satisfactory? Okay / _____
Vegetation: Overgrown / Moderate / None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-20	1650	-	–	-	-	6.16	14.9	209.7	–	–	–	1	8.65	Initial Reading
	1655	1	–	–	2.9	6.08	13.7	200.9	–	–	–	1	14.0	
	1700	2	–	–	5.8	6.01	13.5	203.3	–	–	–	1	15.0	
	1706	3	–	–	8.7	5.99	13.5	208.8	–	–	–	1	21.2	
5-21	1043	4	-										5.50	Final Turbidity
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Clear Precipitate: none Fe^{+2} mg/L= _____

Sample Collection Time: 1043 on 5-21-08

Comments: Allowed well to settle before sampling.

CLIENT: BRPC Date: 5-21-08

CONDUCTIVITY METER CALIBRATION EPA METHOD 9050A

Meter Set 1

Time: 0725 Analyst: JHF

METER MODEL: YSI EC300 SERIAL# JC00262 PROBE# 300-4M 05E2405

CELL CONSTANT: 4.83

08-05-01 Exp. 2-10-09 CONC. OF STD #1: 9.8 µmhos/cm AT 25 °C ACTUAL READING: 8.4 µmhos/cm AT 19.5 °C

08-05-03 Exp. 2-18-09 CONC. OF STD #2: 99.4 µmhos/cm AT 25 °C ACTUAL READING: 95.8 µmhos/cm AT 19.3 °C

08-05-05 Exp. 2-18-09 CONC. OF STD #3: 992 µmhos/cm AT 25 °C ACTUAL READING: 912 µmhos/cm AT 19.4 °C

08-01-46 Exp. 04-08 Separate Source Standard #4 447 µmhos/cm AT 25 °C ACTUAL READING: 422.1 µmhos/cm AT 19.4 °C

pH METER CALIBRATION EPA METHOD 9040B

Time: 0728 Analyst: JHF

METER MODEL: YSI pH100 SERIAL# JC01684 PROBE# YSI 605377 06G

	READING OF 7.0 BUFFER	READING OF 4.0 BUFFER	READING OF 10.0 BUFFER	Separate Source Standard	SLOPE
	7.04	4.06	10.07	6.99	100.3
CIN	07-10-19	07-10-35	07-10-36	07-09-02	

Temperature Compensation for pH Probe: + 0.2

Mid-day Reading of Calibration Standards: pH Buffer: 7.0 Actual Reading: 7.07

Conductivity Standard: 99.4 25°c Actual Reading: 97.1

End of Day Reading of Calibration Standards: pH Buffer: 10.0 Actual Reading: 10.09

Conductivity Standard: 992 25°c Actual Reading: 953

Sample Meter Reading Duplicate (after 10 wells)

Well ID MW-2 Conductivity 7350

pH 9.83 Temperature 13.8

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Well Number: MW-18 ☐ Development ☑ Purging

Date: 5-21-08 Field Personnel: JHF/ BCS

Site Name/Location: BAPL

Page 1 of 1

Weather Conditions/~Temp: Sunny / 70 °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable PVC
☑ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC
☐ Continuous (Recovery Well)	
☐ _____	

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): 75.01 @ 0939
Total Depth of Well (b): 112.44
Length of Water Column in Well (b-a): 37.43
Well Casing Diameter (inches): 4"
Depth to Immiscible Layer: —

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	—	
3 Casing Vol	—	2700ml

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / _____
Steel Protective Casing? Yes / No
Bollards? Yes / No
Flush Mount? Yes / No
Well Locked? Yes / No
Well Pad Condition? Okay / _____
Well Integrity Satisfactory? Okay / _____
Vegetation: Overgrown/ Moderate/ None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m) (ml/m)	Water Level (feet)	Water Volume Removed (gal) (ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-21	1115	-	180	-	-	6.81	17.9	2339	—	—	—	1	5.91	Initial Reading
	1120	1	180	75.21	900	6.68	17.2	2030	—	—	—	1	3.74	
	1125	2	180	75.33	1800	6.63	17.2	2016	—	—	—	1	3.19	
	1130	3	180	75.45	2700	6.62	16.9	2020	—	—	—	1	3.08	
		4												
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Clear Precipitate: none Fe^{+2} mg/L= _____

Sample Collection Time: TOC - 1133 Total Metals - 1135 Hg - 1138 pHenols - 1140
Chloride/Fluoride/TDS/NO_3/SO_4 - 1148 TOX - 1159

Comments: _____

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Well Number: MW-21 ☐ Development ☑ Purging

Date: 5-21-08 Field Personnel: JHF/ BCS

Site Name/Location: BAPC

Page 1 of 1

Weather Conditions/~Temp: Sunny / 70's °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable PVC
☑ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC
☐ Continuous (Recovery Well)	
☐	

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): 10.62 @ 1229
Total Depth of Well (b): 28.71
Length of Water Column in Well (b-a): 18.09
Well Casing Diameter (inches): 4"
Depth to Immiscible Layer: –

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	–	
3 Casing Vol	–	3800ml

Circle One that Applies

Measuring Point: (TOC) / Ground Surface
Riser Material: (PVC) / Steel /
Steel Protective Casing? ~~Yes~~ / No
Bollards? ~~Yes~~ / No
Flush Mount? Yes / ~~No~~
Well Locked? ~~Yes~~ / No
Well Pad Condition? ~~Okay~~ /
Well Integrity Satisfactory? ~~Okay~~ /
Vegetation: Overgrown/ (Moderate) / None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m) (ml/m)	Water Level (feet)	Water Volume Removed (gal) (ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-21	1346	-	190	-	-	7.19	18.5	2062	–	–	–	1	27.6	Initial Reading
	1351	1	190	10.83	950	7.34	16.8	2072	–	–	–	1	14.1	
	1356	2	190	10.99	1900	7.18	16.6	2065	–	–	–	1	11.5	
	1401	3	190	11.07	2850	7.16	16.3	2070	–	–	–	1	13.2	
	1406	4	190	11.12	3800	7.09	16.4	2064	–	–	–	1	11.9	
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ (Moderate) / High) Sample Clarity: Clear Precipitate: none Fe^{+2} mg/L=

Sample Collection Time: TOC - 1409 Total Metals - 1411 H_2S - 1414 Phenols - 1416
Chloride / Fluoride / TDS / NO_3 / SO_4 - 1423 TOX - 1433

Comments: Dropped pump in @ 1230

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Well Number: MW-5A ☐ Development ☑ Purging

Date: 5-21-08 Field Personnel: JHF/BCS

Site Name/Location: BRPC

Page 1 of 1

Weather Conditions/~Temp: Sunny / 70 °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☑ Disposable PVC
☐ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC
☐ Continuous (Recovery Well)	
☐ _____	

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): 37.04 @ 1634
Total Depth of Well (b): 44.33
Length of Water Column in Well (b-a): 7.29
Well Casing Diameter (inches): 2"
Depth to Immiscible Layer: -

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	1.2	
3 Casing Vol	3.6	1.2

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / _____
Steel Protective Casing? Yes / No
Bollards? Yes / No
Flush Mount? Yes / No
Well Locked? Yes / No
Well Pad Condition? Okay / _____
Well Integrity Satisfactory? Okay / _____
Vegetation: Overgrown / Moderate / None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-21	1638	-	—	-	-	6.02	18.2	550.1	—	—	—	1	73.0	Initial Reading
	1641	1	—	—	1.2	5.96	17.6	487.7	—	—	—	1	143	Dry
5-22	1041	2	—	—	Sample	5.77	17.7	603	—	—	—	1	3.64	Sample
		3												
		4												
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield (Low/ Moderate/ High) Sample Clarity: Clear Precipitate: None Fe^{+2} mg/L= _____

Sample Collection Time: 1041 on 5-22-08

Comments: _____

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Well Number: MW-6 ☐ Development ☑ Purging

Date: 5-21-08 Field Personnel: JHF/BCS

Site Name/Location: BBPC

Page 1 of 1

Weather Conditions/~Temp: Sunny 170 °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☑ Disposable PVC
☐ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC

☐ Continuous (Recovery Well)

☐ _____

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): 4.02 @ 1618

Total Depth of Well (b): 20.69

Length of Water Column in Well (b-a): 6.67

Well Casing Diameter (inches): 2"

Depth to Immiscible Layer: –

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	1.1	
3 Casing Vol	3.3	1.1

Circle One that Applies

Measuring Point: (TOC) / Ground Surface

Riser Material: (PVC) / Steel / _____

Steel Protective Casing? ~~Yes~~ / No

Bollards? ~~Yes~~ / No

Flush Mount? ~~Yes~~ / No

Well Locked? ~~Yes~~ / No

Well Pad Condition? Okay / _____

Well Integrity Satisfactory? Okay / _____

Vegetation: (Overgrown) / Moderate/ None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-21	1624	-	–	-	-	6.19	15.8	446.0	–	–	–	1	119	Initial Reading
	1627	1	–	–	1.1	6.23	14.7	456.0	–	–	–	1	308	Dry
5-22	1100	2	–	–	Sample	6.18	15.5	437.7	–	–	–	1	13.3	Sample
		3												
		4												
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Clear Precipitate: none Fe^{+2} mg/L= _____

Sample Collection Time: 1100 on 5-22-08.

Comments: _____

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Well Number: MW-7A ☐ Development ☑ Purging

Date: 5-21-08 Field Personnel: JHF/ BCS

Site Name/Location: BHPC

Page 1 of 1

Weather Conditions/~Temp: Sunny 1 70s °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☑ Disposable PVC
☐ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC
☐ Continuous (Recovery Well)	
☐	

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): 10.61 @ 1558
Total Depth of Well (b): 26.33
Length of Water Column in Well (b-a): 15.72
Well Casing Diameter (inches): 2"
Depth to Immiscible Layer: —

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	2.6	
3 Casing Vol	7.8	5.2

Circle One that Applies

Measuring Point: (TOC) / Ground Surface
Riser Material: (PVC) / Steel / _____
Steel Protective Casing? ~~Yes~~ / No
Bollards? ~~Yes~~ / No
Flush Mount? Yes / ~~No~~
Well Locked? ~~Yes~~ / No
Well Pad Condition? ~~Okay~~ / _____
Well Integrity Satisfactory? ~~Okay~~ / _____
Vegetation: Overgrown / (Moderate) / None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-21	1603	-	—	-	-	6.25	15.0	386.7	—	—	—	1	544	Initial Reading
	1607	1	—	—	2.6	6.37	14.2	352.2	—	—	—	1	470	
	1611	2	—	—	5.2	6.44	14.2	332.1	—	—	—	1	419	Dry
5-22	1118	3	—	—	Sample	6.09	14.4	295.3	—	—	—	1	5.86	Sample
		4												
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Clear Precipitate: none Fe^{+2} mg/L= _____

Sample Collection Time: 1118 on 5-22-07

Comments: _____

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Well Number: MW-3A ☐ Development ☑ Purging

Date: 5-21-08 Field Personnel: JWF/BCS

Site Name/Location: BNPC

Weather Conditions/~Temp: Sunny / 70 °F

Page 1 of 1

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☑ Disposable PVC
☐ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC

☐ Continuous (Recovery Well)

☐ _____

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): 7.40 @ 1331

Total Depth of Well (b): 20.35

Length of Water Column in Well (b-a): 12.95

Well Casing Diameter (inches): 2"

Depth to Immiscible Layer: –

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	2.1	
3 Casing Vol	6.3	2.1

Circle One that Applies

Measuring Point: TOC / Ground Surface

Riser Material: PVC / Steel / _____

Steel Protective Casing? Yes / No

Bollards? Yes / No

Flush Mount? Yes / No

Well Locked? Yes / No

Well Pad Condition? Okay / _____

Well Integrity Satisfactory? Okay / _____

Vegetation: Overgrown / Moderate / None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-21	1335	-	–	-	-	7.17	14.1	983	–	–	–	1	581	Initial Reading
	1338	1	–	–	2.1	7.07	13.1	1000	–	–	–	1	154	Dry
5-22	1140	2	–	–	Sample	6.82	13.2	930	–	–	–	1	12.0	Sample
		3												
		4												
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low / Moderate / High) Sample Clarity: Clear Precipitate: none Fe^{+2} mg/L= _____

Sample Collection Time: 1140 on 5-22-08

Comments: _____

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Well Number: MW-4 ☐ Development ☑ Purging

Date: 5-21-08 Field Personnel: JHF/ BCS

Site Name/Location: BRPC

Page 1 of 1

Weather Conditions/~Temp: Sunny / 70's °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☑ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable PVC
☐ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC
☐ Continuous (Recovery Well)	
☐	

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): 6.11 @ 1503
Total Depth of Well (b): 83.83
Length of Water Column in Well (b-a): 22.72
Well Casing Diameter (inches): 2"
Depth to Immiscible Layer: —

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	3.7	
3 Casing Vol	11.1	18.5

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / ___
Steel Protective Casing? Yes / No
Bollards? Yes / No
Flush Mount? Yes / No
Well Locked? Yes / No
Well Pad Condition? Okay / ___
Well Integrity Satisfactory? Okay / ___
Vegetation: Overgrown / Moderate / None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-21	1507	-	—	-	-	7.11	12.6	776	—	—	—	1	25.4	Initial Reading
	1514	1	—	—	3.7	6.72	18.0	797	—	—	—	1	145	
	1521	2	—	—	7.4	6.87	15.6	1078	—	—	—	1	146	
	1528	3	—	—	11.1	7.14	15.8	1237	—	—	—	1	140	
	1538	4	—	—	14.8	7.35	16.0	1157	—	—	—	1	188	
	1547	5	—	—	18.5	7.31	15.5	1175	—	—	—	1	110	
5-22	1159	6											9.63	Final Turbidity
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Clear Precipitate: none Fe^{+2} mg/L= ___

Sample Collection Time: 1159 on 5-22-08

Comments: Collected sample on 5-22-08

Well Number: MW-2

☐ Development
☒ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Page 1 of 1

Date: 5-21-08 Field Personnel: JHF/BCS

Site Name/Location: BAPC

Weather Conditions/~Temp: Sunny / 70's °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☒ Disposable PVC
☐ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC
☐ Continuous (Recovery Well)	
☐ _____	

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): 4.41 @ 1652
Total Depth of Well (b): 11.80
Length of Water Column in Well (b-a): 7.39
Well Casing Diameter (inches): 2"
Depth to Immiscible Layer: –

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	1.2	
3 Casing Vol	3.6	1.2

Circle One that Applies

Measuring Point: (TOC) / Ground Surface
Riser Material: PVC / Steel / _____
Steel Protective Casing? ~~Yes~~ / No
Bollards? ~~Yes~~ / No
Flush Mount? Yes / ~~No~~
Well Locked? ~~Yes~~ / No
Well Pad Condition? ~~Okay~~ / _____
Well Integrity Satisfactory? ~~Okay~~ / _____
Vegetation: Overgrown/ (Moderate)/ None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-21	1655	-	–	-	-	9.89	14.0	5800	–	–	–	1	28.8	Initial Reading
	1656	1	–	–	1.2	9.83	13.8	7350	–	–	–	2	24.8	Dry
5-22	1252	2	–	–	Sample	9.60	14.8	~~5970~~	–	–	–	2	16.0	Sample
		3						7400 JHF 5-22-08						
		4												
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Clear - Tea Colored Precipitate: none Fe^{+2} mg/L= _____

Sample Collection Time: 1252 on 5-22-08

Comments: _____

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Well Number: Under Flow Drain ☐ Development ☐ Purging

Date: 5-22-08 Field Personnel: JHF/BCS

Site Name/Location: BRPC

Weather Conditions/~Temp: Sunny / 70 °F

Page 1 of 1

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable PVC
☐ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC

☐ Continuous (Recovery Well)

☒ Grab Sample

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): _____ @ _____

Total Depth of Well (b): _____

Length of Water Column in Well (b-a): _____

Well Casing Diameter (inches): _____

Depth to Immiscible Layer: _____

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier		
3 Casing Vol		

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / _____
Steel Protective Casing? Yes / No
Bollards? Yes / No
Flush Mount? Yes / No
Well Locked? Yes / No
Well Pad Condition? Okay / _____
Well Integrity Satisfactory? Okay / _____
Vegetation: Overgrown/ Moderate/ None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-22	1313	-	—	-	-	8.55	22.4	83.1	—	—	—	1	2.73	Initial Reading
		1												
		2												
		3												
		4												
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Clear Precipitate: none Fe^{+2} mg/L= _____

Sample Collection Time: 1313

Comments: _____

Well Number: Land Fill Leachate ☐ Development ☐ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Page 1 of 1

Date: 5-22-08 Field Personnel: JHF/BCS

Site Name/Location: BRPC Weather Conditions/~Temp: Sunny 170 °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable PVC
☐ Bladder	☐ Dedicated Teflon
☐ Waterra	☐ Dedicated PVC

☐ Continuous (Recovery Well)

☑ Grab Sample

One Volume Multiplier (gal/ft) = $\pi r^2 h$ (7.48) (r in feet)
Well Diameter (gal/ft.) 1"= 0.041; 2"= 0.163; 3"= 0.367
4"= 0.653; 6"= 1.470

Water Volume Calculations

Initial Depth to Ground Water (a): _____ @ _____
Total Depth of Well (b): _____
Length of Water Column in Well (b-a): _____
Well Casing Diameter (inches): _____
Depth to Immiscible Layer: _____

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier		
3 Casing Vol		

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / _____
Steel Protective Casing? Yes / No
Bollards? Yes / No
Flush Mount? Yes / No
Well Locked? Yes / No
Well Pad Condition? Okay / _____
Well Integrity Satisfactory? Okay / _____
Vegetation: Overgrown/ Moderate/ None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/m)/(ml/m)	Water Level (feet)	Water Volume Removed (gal)/(ml)	pH (+/- 0.1) (Stabilization)	Temp (°C)	Conductivity (uS/cm) 10%	Dissolved Oxygen (mg/L)	Hydrogen Sulfide (ppm)	ORP (mVolts)	Odor (Subj*)	Turbidity (NTUs/subj*)	Comments
5-22	1340	-	-	-	-	7.91	25.3	22340	—	—	—	4	36.3	Initial Reading
		1												
		2												
		3												
		4												
		5												
		6												
		7												

** Subjective (1) Clear/None (2) Slight (3) Moderate (4) High/Strong*

Well Yield: (Low/ Moderate/ High) Sample Clarity: Clear - Yellow Color Precipitate: none Fe^{+2} mg/L= _____

Sample Collection Time: 1340

Comments: _____