Facility#	Well ID #	CAS Number	SWS ID #	Parameter	RESULT	Units	Qualifier	Method	MDL	SWSL	Dilution Factor	Collect Date	Extraction Date	Analysis Date
44-06	4406-BB3	7440-39-3	15	Barium	30	ug/L		EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-BB3	7440-70-2	375	Calcium	6300	ug/L		EPA 200.7	10	10	5	11/10/2008		11/12/2008
44-06	4406-BB3	7439-89-6	340	Iron	140	ug/L		EPA 200.7	50	50	1	11/10/2008		11/11/2008
44-06	4406-BB3	7439-95-4	376	Magnesium	2400	ug/L		EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-BB3	7440-09-7	377	Potassium	3000	ug/L		EPA 200.7	500	500	1	11/10/2008		11/11/2008
44-06	4406-BB3	7440-24-6	322	Sodium	10000	ug/L		EPA 200.7	50	50	10	11/10/2008		11/12/2008
44-06	4406-BB3	7439-96-5	342	Manganese ICPMS	24	ug/L		EPA 200.8	5	5	1	11/10/2008		11/11/2008
44-06	4406-BB3	SW301		Chloride	7000	ug/L		EPA 300.0	2000	2000	1	11/10/2008		12/3/2008
44-06	4406-BB3	14808-79-8	315	Sulfate	11000	ug/L		EPA 300.0	2000	2000	2	11/10/2008		12/4/2008
44-06	4406-BB3	SW311		Total Dissolved Solids	194000	ug/L		SM 2540C	25000	25000	1	11/10/2008		11/13/2008
44-06	4406-BB3	SW419		Nitrate-Nitrite as N	350	ug/L		SM 4500NO3H	200	200	1	11/10/2008		11/26/2008
44-06	4406-BB3	SW357		Total Organic Carbon	1400	ug/L		SM 5310C	500	500	1	11/10/2008		11/17/2008
44-06	4406-BB3	SW396		Total Organic Halides	30	ug/L		SW846 9020B	30	30	1	11/10/2008	11/21/2008	12/01/2008
44-06	4406-BB4	7440-39-3	15	Barium	20	ug/L		EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-BB4	7440-70-2	375	Calcium	6700	ug/L		EPA 200.7	10	10	5	11/10/2008		11/12/2008
44-06	4406-BB4	7439-89-6	340	Iron	150	ug/L		EPA 200.7	50	50	1	11/10/2008		11/11/2008
44-06	4406-BB4	7439-95-4	376	Magnesium	2700	ug/L		EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-BB4	7440-09-7	377	Potassium	3100	ug/L		EPA 200.7	500	500	1	11/10/2008		11/11/2008
44-06	4406-BB4	7440-24-6	322	Sodium	15000	ug/L		EPA 200.7	50	50	10	11/10/2008		11/12/2008
44-06	4406-BB4	7439-96-5	342	Manganese ICPMS	31	ug/L		EPA 200.8	5	5	1	11/10/2008		11/11/2008
44-06	4406-BB4	SW301		Chloride	7500	ug/L		EPA 300.0	2000	2000	2	11/10/2008		12/3/2008
44-06	4406-BB4	14808-79-8	315	Sulfate	17000	ug/L		EPA 300.0	2000	2000	2	11/10/2008		12/3/2008
44-06	4406-BB4	SW311		Total Dissolved Solids	92000	ug/L		SM 2540C	25000	25000	1	11/10/2008		11/13/2008
44-06	4406-BB4	SW419		Nitrate-Nitrite as N	290	ug/L		SM 4500NO3H	200	200	1	11/10/2008		11/26/2008
44-06	4406-BB4	SW357		Total Organic Carbon	1400	ug/L		SM 5310C	500	500	1	11/10/2008		11/17/2008
44-06	4406-BB4	SW396		Total Organic Halides	30	ug/L		SW846 9020B	30	30	1	11/10/2008	11/21/2008	12/01/2008
44-06	4406-BBDown	7440-39-3	15	Barium	30	ug/L		EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-BBDown	7440-70-2	375	Calcium	6300	ug/L		EPA 200.7	10	10	5	11/10/2008		11/12/2008
44-06	4406-BBDown	7439-89-6	340	Iron	1100	ug/L		EPA 200.7	50	50	1	11/10/2008		11/11/2008
44-06	4406-BBDown	7439-95-4	376	Magnesium	2400	ug/L		EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-BBDown	7440-09-7	377	Potassium	2900	ug/L		EPA 200.7	500	500	1	11/10/2008		11/11/2008
44-06	4406-BBDown	7440-24-6	322	Sodium	6300	ug/L		EPA 200.7	50	50	5	11/10/2008		11/12/2008
44-06	4406-BBDown	7439-96-5	342	Manganese ICPMS	95	ug/L		EPA 200.8	5	5	1	11/10/2008		11/11/2008
44-06	4406-BBDown	7440-22-4	184	Silver ICPMS	8	ug/L		EPA 200.8	2	2	1	11/10/2008		11/11/2008
44-06	4406-BBDown	SW301		Chloride	6400	ug/L		EPA 300.0	1000	1000	1	11/10/2008		12/3/2008
44-06	4406-BBDown	14808-79-8	315	Sulfate	4800	ug/L		EPA 300.0	1000	1000	1	11/10/2008		12/3/2008
44-06	4406-BBDown	SW311		Total Dissolved Solids	67000	ug/L		SM 2540C	25000	25000	1	11/10/2008		11/13/2008
44-06	4406-BBDown	SW419		Nitrate-Nitrite as N	360	ug/L		SM 4500NO3H	200	200	1	11/10/2008		11/26/2008
44-06	4406-BBDown	SW357		Total Organic Carbon	1600	ug/L		SM 5310C	500	500	1	11/10/2008		11/17/2008
44-06	4406-BBDown	SW396		Total Organic Halides	30	ug/L		SW846 9020B	30	30	1	11/10/2008	11/21/2008	12/01/2008
44-06	4406-BBUp	7440-39-3	15	Barium	20	ug/L		EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-BBUp	7440-70-2	375	Calcium	4700	ug/L		EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-BBUp	7439-89-6	340	Iron	150	ug/L		EPA 200.7	50	50	1	11/10/2008		11/11/2008
44-06	4406-BBUp	7439-95-4	376	Magnesium	1800	ug/L		EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-BBUp	7440-09-7	377	Potassium	2700	ug/L		EPA 200.7	500	500	1	11/10/2008		11/11/2008
44-06	4406-BBUp	7440-24-6	322	Sodium	3800	ug/L		EPA 200.7	50	50	1	11/10/2008		11/11/2008
44-06	4406-BBUp	7439-96-5	342	Manganese ICPMS	12	ug/L		EPA 200.8	5	5	1	11/10/2008		11/11/2008
44-06	4406-BBUp	SW301		Chloride	3300	ug/L		EPA 300.0	1000	1000	1	11/10/2008		12/3/2008
44-06	4406-BBUp	SW312		Fluoride	120	ug/L		EPA 300.0	100	100	1	11/10/2008		12/3/2008
44-06	4406-BBUp	14808-79-8	315	Sulfate	3200	ug/L		EPA 300.0	1000	1000	1	11/10/2008		12/3/2008
44-06	4406-BBUp	SW311		Total Dissolved Solids	49000	ug/L		SM 2540C	25000	25000	1	11/10/2008		11/13/2008
44-06	4406-BBUp	SW419		Nitrate-Nitrite as N	340	ug/L		SM 4500NO3H	200	200	1	11/10/2008		11/26/2008
44-06	4406-BBUp	SW357		Total Organic Carbon	2000	ug/L		SM 5310C	500	500	1	11/10/2008		11/17/2008
44-06	4406-BBUp	SW396		Total Organic Halides	30	ug/L		SW846 9020B	30	30	1	11/10/2008	11/21/2008	12/01/2008
44-06	4406-LandfillLeachate	7440-39-3	15	Barium	60	ug/L		EPA 200.7	50	50	5	11/10/2008		11/11/2008
44-06	4406-LandfillLeachate	7440-70-2	375	Calcium	24000	ug/L		EPA 200.7	10	10	50	11/10/2008		11/11/2008
44-06	4406-LandfillLeachate	7439-95-4	376	Magnesium	190000	ug/L		EPA 200.7	10	10	50	11/10/2008		11/11/2008
44-06	4406-LandfillLeachate	7440-09-7	377	Potassium	580000	ug/L		EPA 200.7	500	500	50	11/10/2008		11/11/2008
44-06	4406-LandfillLeachate	7440-24-6	322	Sodium	6420000	ug/L		EPA 200.7	50	50	5000	11/10/2008		11/18/2008
44-06	4406-LandfillLeachate	7440-66-6	213	Zinc	140	ug/L		EPA 200.7	100	100	5	11/10/2008		11/11/2008
44-06	4406-LandfillLeachate	7440-38-2	14	Arsenic ICPMS	950	ug/L		EPA 200.8	100	100	100	11/10/2008		11/14/2008
44-06	4406-LandfillLeachate	SW301		Chloride	271000	ug/L		EPA 300.0	2000	2000	100	11/10/2008		12/5/2008
44-06	4406-LandfillLeachate	14808-79-8	315	Sulfate	2030000	ug/L		EPA 300.0	2000	2000	500	11/10/2008		12/4/2008
44-06	4406-LandfillLeachate	SW311		Total Dissolved Solids	19500000	ug/L		SM 2540C	25000	25000	1	11/10/2008		11/17/2008
44-06	4406-LandfillLeachate	7723-14-0	412	Total Phosphorus	58000	ug/L		SM 4500PE	20	20	250	11/10/2008		11/12/2008
44-06	4406-LandfillLeachate	SW316		BOD, 5 Day	4100	ug/L		SM 5210B	2000	2000	1.5	11/10/2008		11/12/2008
44-06	4406-LandfillLeachate	SW357		Total Organic Carbon	90000	ug/L		SM 5310C	500	500	50	11/10/2008		11/26/2008
44-06	4406-LandfillLeachate	SW396		Total Organic Halides	443	ug/L		SW846 9020B	60	60	1	11/10/2008	11/21/2008	12/01/2008
44-06	4406-MW10	7440-39-3	15	Barium	10	ug/L		EPA 200.7	10	10	1	11/11/2008		11/13/2008
44-06	4406-MW10	7440-70-2	375	Calcium	2100	ug/L		EPA 200.7	10	10	1	11/11/2008		11/13/2008
44-06	4406-MW10	7439-89-6	340	Iron	140	ug/L		EPA 200.7	50	50	1	11/11/2008		11/13/2008
44-06	4406-MW10	7439-95-4	376	Magnesium	1600	ug/L		EPA 200.7	10	10	1	11/11/2008		11/13/2008
44-06	4406-MW10	7440-09-7	377	Potassium	950	ug/L		EPA 200.7	500	500	1	11/11/2008		11/18/2008
44-06	4406-MW10	7440-24-6	322	Sodium	1400	ug/L		EPA 200.7	50	50	1	11/11/2008		11/13/2008
44-06	4406-MW10	14808-79-8	315	Sulfate	2000	ug/L		EPA 300.0	1000	1000	1	11/11/2008		12/3/2008
44-06	4406-MW10	SW396		Total Organic Halides	30	ug/L		SW846 9020B	30	30	1	11/11/2008	12/03/2008	12/09/2008
44-06	4406-MW11	7440-39-3	15	Barium	30	ug/L		EPA 200.7	10	10	1	11/12/2008		11/13/2008
44-06	4406-MW11	7440-70-2	375	Calcium	2000	ug/L		EPA 200.7	10	10	1	11/12/2008		11/13/2008
44-06	4406-MW11	7439-89-6	340	Iron	380	ug/L		EPA 200.7	50	50	1	11/12/2008		11/13/2008
44-06	4406-MW11	7439-95-4	376	Magnesium	3100	ug/L		EPA 200.7	10	10	1	11/12/2008		11/13/2008

evergreen packaging

Blue Ridge Paper Products Inc. - Canton Mill

January 26, 2009

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

RECEIVED
JAN 30 2009
SUPERFUND SECTION

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 November 10 and November 13, 2008. The analytical results were received in my office on January 22, 2009.

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:mwdata111008

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: 11/11/2008
Time Received: 08:00
Date Reported: 01/13/2009

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

Sample Number	*Sample Description*
AC46365	Blue Ridge Paper Co. Pigeon R Down grab, collected on 11/10/2008 at 10:45
AC46366	Blue Ridge Paper Co. BB-Up grab, collected on 11/10/2008 at 11:20
AC46367	Blue Ridge Paper Co. BB-Down grab, collected on 11/10/2008 at 12:00
AC46368	Blue Ridge Paper Co. BB-3 grab, collected on 11/10/2008 at 13:55
AC46369	Blue Ridge Paper Co. BB-4 grab, collected on 11/10/2008 at 14:15
AC46370	Blue Ridge Paper Co. Pigeon R Up grab, collected on 11/10/2008 at 14:30
AC46371	Blue Ridge Paper Co. Underflow Drain grab, collected on 11/10/2008 at 14:55
AC46372	Blue Ridge Paper Co. Landfill Leachate grab, collected on 11/10/2008 at 15:25

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 D Ashley
authorized signature

Results reviewed by:

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Sample Number	Sample Description, Date and Time Collected
AC46365	Blue Ridge Paper Co. Pigeon R Down grab, collected on 11/10/2008 at 10:45

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		
Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.							
pH (Field)	7.0	pH units		0.1	11/10/2008 10:45	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	1426	umhos/cm		10	11/10/2008 10:45	JHF	SM 2510B
Temperature (Field)	11.3	degrees C		0.1	11/10/2008 10:45	JHF	SM 2550B
Turbidity (Field)	5.6	NTU		1.0	11/10/2008 10:45	JHF	Field Screen
Nitrate-Nitrite as N	< RDL	mg/l		0.20	11/26/2008 14:19	MEA	SM 4500NO3H
Nitrite as N	0.01	mg/l		0.01	11/11/2008 08:00	WLD	SM 4500NO2B
Total Dissolved Solids	984	mg/l		25	11/13/2008 07:50	JRS	SM 2540C
Total Organic Carbon	22	mg/l		0.5	11/26/2008 21:12	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	11/18/2008 08:00	WLD	EPA 420.1
Chloride	146	mg/L		2.0	12/03/2008 15:49	LBW	EPA 300.0
Fluoride	0.19	mg/l		0.1	12/04/2008 04:44	LBW	EPA 300.0
Sulfate	321	mg/l		2.0	12/03/2008 15:49	LBW	EPA 300.0
Arsenic ICPMS	0.010	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Barium	0.06	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/11/2008 13:52	MJH	EPA 200.8
Calcium	19	mg/l		0.01	11/12/2008 16:45	KWR	EPA 200.7
Chromium ICPMS	0.002	mg/l		0.002	11/11/2008 13:52	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Iron	0.15	mg/l		0.05	11/11/2008 16:19	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Magnesium	3.3	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Manganese ICPMS	0.255	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	12/02/2008 12:15	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Potassium	17	mg/l		0.5	11/11/2008 16:19	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	11/11/2008 13:52	MJH	EPA 200.8
Sodium	259	mg/l		0.05	11/13/2008 13:07	KWR	EPA 200.7
Zinc	< RDL	mg/l		0.02	11/11/2008 16:19	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46366	Blue Ridge Paper Co. BB-Up grab, collected on 11/10/2008 at 11:20

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		
Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.							
pH (Field)	7.5	pH units		0.1	11/10/2008 11:20	JHF	SM 4500HB

Sample Number	Sample Description, Date and Time Collected
AC46366	Blue Ridge Paper Co. BB-Up grab, collected on 11/10/2008 at 11:20

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Specific Conductance at 25 C (Field)	75	umhos/cm		10	11/10/2008 11:20	JHF	SM 2510B
Temperature (Field)	8.0	degrees C		0.1	11/10/2008 11:20	JHF	SM 2550B
Turbidity (Field)	4.3	NTU		1.0	11/10/2008 11:20	JHF	Field Screen
Nitrate-Nitrite as N	0.34	mg/l		0.20	11/26/2008 14:19	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	11/11/2008 08:00	WLD	SM 4500NO2B
Total Dissolved Solids	49	mg/l		25	11/13/2008 07:50	JRS	SM 2540C
Total Organic Carbon	2.0	mg/l		0.5	11/17/2008 04:45	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	11/18/2008 08:00	WLD	EPA 420.1
Chloride	3.3	mg/L		1.0	12/03/2008 18:19	LBW	EPA 300.0
Fluoride	0.12	mg/l		0.1	12/03/2008 18:19	LBW	EPA 300.0
Sulfate	3.2	mg/l		1.0	12/03/2008 18:19	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Barium	0.02	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/11/2008 13:52	MJH	EPA 200.8
Calcium	4.7	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.002	11/11/2008 13:52	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Iron	0.15	mg/l		0.05	11/11/2008 16:19	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Magnesium	1.8	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Manganese ICPMS	0.012	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	12/02/2008 12:18	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Potassium	2.7	mg/l		0.5	11/11/2008 16:19	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	11/11/2008 13:52	MJH	EPA 200.8
Sodium	3.8	mg/l		0.05	11/11/2008 16:19	KWR	EPA 200.7
Zinc	< RDL	mg/l		0.02	11/11/2008 16:19	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46367	Blue Ridge Paper Co. BB-Down grab, collected on 11/10/2008 at 12:00

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.

pH (Field)	7.4	pH units		0.1	11/10/2008 12:00	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	88	umhos/cm		10	11/10/2008 12:00	JHF	SM 2510B
Temperature (Field)	8.4	degrees C		0.1	11/10/2008 12:00	JHF	SM 2550B
Turbidity (Field)	5.4	NTU		1.0	11/10/2008 12:00	JHF	Field Screen
Nitrate-Nitrite as N	0.36	mg/l		0.20	11/26/2008 14:19	MEA	SM 4500NO3H

Sample Number	Sample Description, Date and Time Collected
AC46367	Blue Ridge Paper Co. BB-Down grab, collected on 11/10/2008 at 12:00

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrite as N	< RDL	mg/l		0.01	11/11/2008 08:00	WLD	SM 4500NO2B
Total Dissolved Solids	67	mg/l		25	11/13/2008 07:50	JRS	SM 2540C
Total Organic Carbon	1.6	mg/l		0.5	11/17/2008 05:03	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	11/18/2008 08:00	WLD	EPA 420.1
Chloride	6.4	mg/L		1.0	12/03/2008 19:34	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	12/03/2008 19:34	LBW	EPA 300.0
Sulfate	4.8	mg/l		1.0	12/03/2008 19:34	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Barium	0.03	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/11/2008 13:52	MJH	EPA 200.8
Calcium	6.3	mg/l		0.01	11/12/2008 16:45	KWR	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.002	11/11/2008 13:52	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Iron	1.1	mg/l		0.05	11/11/2008 16:19	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Magnesium	2.4	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Manganese ICPMS	0.095	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	12/02/2008 12:20	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Potassium	2.9	mg/l		0.5	11/11/2008 16:19	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Silver ICPMS	0.008	mg/l		0.002	11/11/2008 13:52	MJH	EPA 200.8
Sodium	6.3	mg/l		0.05	11/12/2008 16:45	KWR	EPA 200.7
Zinc	< RDL	mg/l		0.02	11/11/2008 16:19	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46368	Blue Ridge Paper Co. BB-3 grab, collected on 11/10/2008 at 13:55

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.

pH (Field)	7.5	pH units		0.1	11/10/2008 13:55	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	113	umhos/cm		10	11/10/2008 13:55	JHF	SM 2510B
Temperature (Field)	10.3	degrees C		0.1	11/10/2008 13:55	JHF	SM 2550B
Turbidity (Field)	2.9	NTU		1.0	11/10/2008 13:55	JHF	Field Screen
Nitrate-Nitrite as N	0.35	mg/l		0.20	11/26/2008 14:19	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	11/11/2008 08:00	WLD	SM 4500NO2B
Total Dissolved Solids	194	mg/l		25	11/13/2008 07:50	JRS	SM 2540C
Total Organic Carbon	1.4	mg/l		0.5	11/17/2008 05:20	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	11/18/2008 08:00	WLD	EPA 420.1

Sample Number	Sample Description, Date and Time Collected
AC46368	Blue Ridge Paper Co. BB-3 grab, collected on 11/10/2008 at 13:55

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Chloride	7.0	mg/L		2.0	12/03/2008 19:59	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	12/03/2008 19:59	LBW	EPA 300.0
Sulfate	11	mg/l		2.0	12/04/2008 19:47	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Barium	0.03	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/11/2008 13:52	MJH	EPA 200.8
Calcium	6.3	mg/l		0.01	11/12/2008 16:45	KWR	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.002	11/11/2008 13:52	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Iron	0.14	mg/l		0.05	11/11/2008 16:19	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Magnesium	2.4	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Manganese ICPMS	0.024	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	12/02/2008 12:23	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Potassium	3.0	mg/l		0.5	11/11/2008 16:19	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	11/11/2008 13:52	MJH	EPA 200.8
Sodium	10	mg/l		0.05	11/12/2008 16:45	KWR	EPA 200.7
Zinc	< RDL	mg/l		0.02	11/11/2008 16:19	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46369	Blue Ridge Paper Co. BB-4 grab, collected on 11/10/2008 at 14:15

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.

pH (Field)	7.6	pH units		0.1	11/10/2008 14:15	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	136	umhos/cm		10	11/10/2008 14:15	JHF	SM 2510B
Temperature (Field)	10.1	degrees C		0.1	11/10/2008 14:15	JHF	SM 2550B
Turbidity (Field)	2.0	NTU		1.0	11/10/2008 14:15	JHF	Field Screen
Nitrate-Nitrite as N	0.29	mg/l		0.20	11/26/2008 14:27	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	11/11/2008 08:00	WLD	SM 4500NO2B
Total Dissolved Solids	92	mg/l		25	11/13/2008 07:50	JRS	SM 2540C
Total Organic Carbon	1.4	mg/l		0.5	11/17/2008 05:37	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	11/18/2008 08:00	WLD	EPA 420.1
Chloride	7.5	mg/L		2.0	12/03/2008 20:24	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	12/04/2008 03:29	LBW	EPA 300.0
Sulfate	17	mg/l		2.0	12/03/2008 20:24	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8

Sample Number	Sample Description, Date and Time Collected
AC46369	Blue Ridge Paper Co. BB-4 grab, collected on 11/10/2008 at 14:15

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Barium	0.02	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/11/2008 13:52	MJH	EPA 200.8
Calcium	6.7	mg/l		0.01	11/12/2008 16:45	KWR	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.002	11/11/2008 13:52	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Iron	0.15	mg/l		0.05	11/11/2008 16:19	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Magnesium	2.7	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Manganese ICPMS	0.031	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	12/02/2008 12:30	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Potassium	3.1	mg/l		0.5	11/11/2008 16:19	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	11/11/2008 13:52	MJH	EPA 200.8
Sodium	15	mg/l		0.05	11/12/2008 16:45	KWR	EPA 200.7
Zinc	< RDL	mg/l		0.02	11/11/2008 16:19	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46370	Blue Ridge Paper Co. Pigeon R Up grab, collected on 11/10/2008 at 14:30

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.

pH (Field)	8.0	pH units		0.1	11/10/2008 14:30	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	1410	umhos/cm		10	11/10/2008 14:30	JHF	SM 2510B
Temperature (Field)	16.6	degrees C		0.1	11/10/2008 14:30	JHF	SM 2550B
Turbidity (Field)	3.0	NTU		1.0	11/10/2008 14:30	JHF	Field Screen
Nitrate-Nitrite as N	< RDL	mg/l		0.20	11/26/2008 14:27	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	11/11/2008 08:00	WLD	SM 4500NO2B
Total Dissolved Solids	984	mg/l		25	11/13/2008 07:50	JRS	SM 2540C
Total Organic Carbon	20	mg/l		0.5	11/17/2008 05:56	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	11/18/2008 08:00	WLD	EPA 420.1
Chloride	135	mg/L		2.0	12/03/2008 20:49	LBW	EPA 300.0
Fluoride	0.18	mg/l		0.1	12/04/2008 05:09	LBW	EPA 300.0
Sulfate	320	mg/l		2.0	12/04/2008 20:15	LBW	EPA 300.0
Arsenic ICPMS	0.010	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Barium	0.05	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/11/2008 13:52	MJH	EPA 200.8
Calcium	18	mg/l		0.01	11/12/2008 16:45	KWR	EPA 200.7
Chromium ICPMS	0.002	mg/l		0.002	11/11/2008 13:52	MJH	EPA 200.8

Sample Number	Sample Description, Date and Time Collected
AC46370	Blue Ridge Paper Co. Pigeon R Up grab, collected on 11/10/2008 at 14:30

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Copper ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Iron	0.12	mg/l		0.05	11/11/2008 16:19	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Magnesium	3.0	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Manganese ICPMS	0.239	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	12/02/2008 12:32	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Potassium	18	mg/l		0.5	11/11/2008 16:19	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	11/11/2008 13:52	MJH	EPA 200.8
Sodium	258	mg/l		0.05	11/13/2008 13:07	KWR	EPA 200.7
Zinc	< RDL	mg/l		0.02	11/11/2008 16:19	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46371	Blue Ridge Paper Co. Underflow Drain grab, collected on 11/10/2008 at 14:55

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.

pH (Field)	8.0	pH units		0.1	11/10/2008 14:55	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	84	umhos/cm		10	11/10/2008 14:55	JHF	SM 2510B
Temperature (Field)	18.6	degrees C		0.1	11/10/2008 14:55	JHF	SM 2550B
Turbidity (Field)	2.1	NTU		1.0	11/10/2008 14:55	JHF	Field Screen
Nitrate-Nitrite as N	0.46	mg/l		0.20	11/26/2008 15:28	MEA	SM 4500NO3H
BOD, 5 Day	63	mg/l		2.0	11/12/2008 14:10	MSA	SM 5210B
COD	311	mg/l		20	11/24/2008 11:50	SGM	EPA 410.4
Nitrite as N	< RDL	mg/l		0.01	11/11/2008 08:00	WLD	SM 4500NO2B
Total Dissolved Solids	57	mg/l		25	11/13/2008 07:50	JRS	SM 2540C
Total Organic Carbon	< RDL	mg/l		0.5	11/21/2008 23:46	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	11/18/2008 08:00	WLD	EPA 420.1
Chloride	10	mg/L		2.0	12/03/2008 21:14	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	12/04/2008 03:04	LBW	EPA 300.0
Sulfate	3.1	mg/l		1.0	12/04/2008 03:04	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Barium	0.03	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/11/2008 13:52	MJH	EPA 200.8
Calcium	4.4	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.002	11/11/2008 13:52	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Iron	< RDL	mg/l		0.05	11/11/2008 16:19	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46371	Blue Ridge Paper Co. Underflow Drain grab, collected on 11/10/2008 at 14:55

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Lead ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Magnesium	2.2	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Manganese ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	12/02/2008 12:35	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Potassium	2.0	mg/l		0.5	11/11/2008 16:19	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	11/11/2008 13:52	MJH	EPA 200.8
Sodium	3.2	mg/l		0.05	11/11/2008 16:19	KWR	EPA 200.7
Zinc	0.06	mg/l		0.02	11/11/2008 16:19	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46372	Blue Ridge Paper Co. Landfill Leachate grab, collected on 11/10/2008 at 15:25

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.

pH (Field)	7.9	pH units		0.1	11/10/2008 15:25	JHF	SM 4500HB
Specific Conductance at 25 C (Field)	24180	umhos/cm		10	11/10/2008 15:25	JHF	SM 2510B
Temperature (Field)	21.7	degrees C		0.1	11/10/2008 15:25	JHF	SM 2550B
Turbidity (Field)	29	NTU		1.0	11/10/2008 15:25	JHF	Field Screen
Nitrate-Nitrite as N	< RDL	mg/l	X	0.50	11/26/2008 15:51	MEA	SM 4500NO3H
BOD, 5 Day	4.1	mg/l		2.0	11/12/2008 14:08	MSA	SM 5210B
COD	< RDL	mg/l		20	11/24/2008 11:50	SGM	EPA 410.4
Nitrite as N	< RDL	mg/l	X	0.02	11/11/2008 08:00	WLD	SM 4500NO2B
Total Dissolved Solids	19500	mg/l		25	11/17/2008 14:40	JRS	SM 2540C
Total Organic Carbon	90	mg/l		0.5	11/26/2008 22:31	JRS	SM 5310C
Total Phosphorus	58	mg/l		0.02	11/12/2008 15:19	REH	SM 4500PE

Analysis comment for Total Phosphorus: Phosphate - 177 mg/L by calculation

Total Recoverable Phenols	< RDL	mg/l	X	0.01	12/02/2008 08:00	WLD	EPA 420.1
Chloride	271	mg/L	S1	2.0	12/05/2008 15:59	LBW	EPA 300.0
Fluoride	< RDL	mg/l	X	5.0	12/03/2008 21:39	LBW	EPA 300.0
Sulfate	2030	mg/l		2.0	12/04/2008 20:43	LBW	EPA 300.0
Arsenic ICPMS	0.95	mg/l		0.10	11/14/2008 11:12	MJH	EPA 200.8
Barium	0.06	mg/l		0.05	11/11/2008 16:19	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l	X	0.05	11/14/2008 11:12	MJH	EPA 200.8
Calcium	24	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Chromium ICPMS	< RDL	mg/l	X	0.20	11/14/2008 11:12	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l	X	0.10	11/14/2008 11:12	MJH	EPA 200.8
Iron	< RDL	mg/l	X	0.25	11/11/2008 16:19	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46372	Blue Ridge Paper Co. Landfill Leachate grab, collected on 11/10/2008 at 15:25

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Lead ICPMS	< RDL	mg/l	X	0.05	11/14/2008 11:12	MJH	EPA 200.8
Magnesium	190	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Manganese ICPMS	< RDL	mg/l	X	0.10	11/14/2008 11:12	MJH	EPA 200.8
Mercury	< RDL	mg/l	X	0.0008	12/02/2008 12:38	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l	X	0.20	11/14/2008 11:12	MJH	EPA 200.8
Potassium	580	mg/l		0.5	11/11/2008 16:19	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l	X	0.25	11/14/2008 11:12	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l	X	0.05	11/14/2008 11:12	MJH	EPA 200.8
Sodium	6420	mg/l		0.05	11/18/2008 10:16	KWR	EPA 200.7
Zinc	0.14	mg/l		0.10	11/11/2008 16:19	KWR	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: 11/11/2008
Time Received: 08:00
Date Reported: 01/13/2009

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

Sample Number	*Sample Description*
AC46351	Blue Ridge Paper Co. MW-14 grab, collected on 11/10/2008 at 12:01
AC46352	Blue Ridge Paper Co. MW-14 grab, collected on 11/10/2008 at 12:02
AC46353	Blue Ridge Paper Co. MW-14 grab, collected on 11/10/2008 at 12:09
AC46354	Blue Ridge Paper Co. MW-14 grab, collected on 11/10/2008 at 12:20
AC46355	Blue Ridge Paper Co. MW-14 grab, collected on 11/10/2008 at 12:22
AC46356	Blue Ridge Paper Co. MW-14 grab, collected on 11/10/2008 at 12:23
AC46357	Blue Ridge Paper Co. MW-17 grab, collected on 11/10/2008 at 13:37

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 Asney
authorized signature

Results reviewed by:

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Sample Number	Sample Description, Date and Time Collected
AC46351	Blue Ridge Paper Co. MW-14 grab, collected on 11/10/2008 at 12:01

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Depth to water	30.85	feet			11/10/2008 10:22	BCS	
Monitoring well sampling 2 inch well	Completed				11/10/2008 12:01	BCS	
pH (Field)	6.0	pH units		0.1	11/10/2008 11:58	BCS	SM 4500HB
Specific Conductance at 25 C (Field)	188	umhos/cm		10	11/10/2008 11:58	BCS	SM 2510B
Temperature (Field)	13.0	degrees C		0.1	11/10/2008 11:58	BCS	SM 2550B
Turbidity (Field)	8.4	NTU		1.0	11/10/2008 11:58	BCS	Field Screen
Total Organic Carbon	0.71	mg/l		0.5	11/17/2008 01:49	JRS	SM 5310C

Sample Number	Sample Description, Date and Time Collected
AC46352	Blue Ridge Paper Co. MW-14 grab, collected on 11/10/2008 at 12:02

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Total Recoverable Phenols	< RDL	mg/l		0.005	12/02/2008 08:00	WLD	EPA 420.1

Sample Number	Sample Description, Date and Time Collected
AC46353	Blue Ridge Paper Co. MW-14 grab, collected on 11/10/2008 at 12:09

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrate-Nitrite as N	1.2	mg/l		0.20	12/04/2008 16:08	MEA	SM 4500NO3H

Analysis comment for Nitrate-Nitrite as N: Analyzed out of holding time. Analysis requested after holding time had expired.

Nitrite as N	< RDL	mg/l		0.01	11/11/2008 08:00	WLD	SM 4500NO2B
Total Dissolved Solids	137	mg/l		25	11/13/2008 07:50	JRS	SM 2540C
Chloride	22	mg/L		2.0	12/03/2008 17:04	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	12/04/2008 02:14	LBW	EPA 300.0
Sulfate	< RDL	mg/l		1.0	12/04/2008 02:14	LBW	EPA 300.0

Sample Number	Sample Description, Date and Time Collected
AC46354	Blue Ridge Paper Co. MW-14 grab, collected on 11/10/2008 at 12:20

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Arsenic ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Barium	0.14	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/11/2008 13:52	MJH	EPA 200.8
Calcium	18	mg/l		0.01	11/12/2008 16:45	KWR	EPA 200.7
Chromium ICPMS	0.002	mg/l		0.002	11/11/2008 13:52	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Iron	0.09	mg/l		0.05	11/11/2008 16:19	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Magnesium	5.0	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Manganese ICPMS	0.010	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8

Sample Number	Sample Description, Date and Time Collected
AC46354	Blue Ridge Paper Co. MW-14 grab, collected on 11/10/2008 at 12:20

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nickel ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Potassium	2.9	mg/l		0.5	11/11/2008 16:19	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	11/11/2008 13:52	MJH	EPA 200.8
Sodium	7.3	mg/l		0.05	11/12/2008 16:45	KWR	EPA 200.7
Zinc	< RDL	mg/l		0.02	11/11/2008 16:19	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46355	Blue Ridge Paper Co. MW-14 grab, collected on 11/10/2008 at 12:22

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Mercury	< RDL	mg/l		0.0002	12/02/2008 12:01	LBW	EPA 245.1

Sample Number	Sample Description, Date and Time Collected
AC46356	Blue Ridge Paper Co. MW-14 grab, collected on 11/10/2008 at 12:23

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.

Sample Number	Sample Description, Date and Time Collected
AC46357	Blue Ridge Paper Co. MW-17 grab, collected on 11/10/2008 at 13:37

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.

Depth to water	47.97	feet			11/10/2008 10:37	BCS	
Monitoring well sampling >2 inch well	Completed				11/10/2008 13:37	BCS	
pH (Field)	6.1	pH units		0.1	11/10/2008 13:37	BCS	SM 4500HB
Specific Conductance at 25 C (Field)	24	umhos/cm		10	11/10/2008 13:37	BCS	SM 2510B
Temperature (Field)	14.4	degrees C		0.1	11/10/2008 13:37	BCS	SM 2550B
Turbidity (Field)	3.9	NTU		1.0	11/10/2008 13:37	BCS	Field Screen
Nitrate-Nitrite as N	0.50	mg/l		0.20	12/04/2008 13:00	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	11/11/2008 08:00	WLD	SM 4500NO2B
Total Dissolved Solids	35	mg/l		25	11/13/2008 07:50	JRS	SM 2540C
Total Organic Carbon	< RDL	mg/l		0.5	11/17/2008 03:14	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	11/20/2008 08:00	WLD	EPA 420.1
Chloride	< RDL	mg/L		1.0	12/03/2008 14:34	LBW	EPA 300.0

Sample Number	Sample Description, Date and Time Collected
\C46357	Blue Ridge Paper Co. MW-17 grab, collected on 11/10/2008 at 13:37

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Fluoride	< RDL	mg/l		0.1	12/03/2008 14:34	LBW	EPA 300.0
Sulfate	6.4	mg/l		2.0	12/03/2008 14:34	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Barium	< RDL	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/11/2008 13:52	MJH	EPA 200.8
Calcium	1.8	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.002	11/11/2008 13:52	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Iron	0.05	mg/l		0.05	11/11/2008 16:19	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Magnesium	1.0	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Manganese ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	12/02/2008 12:08	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Potassium	1.2	mg/l		0.5	11/11/2008 16:19	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	11/11/2008 13:52	MJH	EPA 200.8
Sodium	1.8	mg/l		0.05	11/11/2008 16:19	KWR	EPA 200.7
Zinc	0.04	mg/l		0.02	11/11/2008 16:19	KWR	EPA 200.7

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LABORATORY SERVICES

P.O. Box 5655, Greenville, SC 29606
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Laboratory Services Report

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

Date Received: 11/11/2008
Time Received: 08:00
Date Reported: 01/13/2009

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

Sample Number	*Sample Description*
AC46358	Blue Ridge Paper Co. MW-15 grab, collected on 11/10/2008 at 14:23
AC46359	Blue Ridge Paper Co. MW-15 grab, collected on 11/10/2008 at 14:25
AC46360	Blue Ridge Paper Co. MW-15 grab, collected on 11/10/2008 at 14:30
AC46361	Blue Ridge Paper Co. MW-15 grab, collected on 11/10/2008 at 14:39
AC46362	Blue Ridge Paper Co. MW-15 grab, collected on 11/10/2008 at 14:42
AC46363	Blue Ridge Paper Co. MW-15 grab, collected on 11/10/2008 at 14:44
AC46364	Blue Ridge Paper Co. MW-20 grab, collected on 11/10/2008 at 16:18

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:

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Sample Number	Sample Description, Date and Time Collected
AC46358	Blue Ridge Paper Co. MW-15 grab, collected on 11/10/2008 at 14:23

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Depth to water	33.30	feet			11/10/2008 12:41	BCS	
Monitoring well sampling 2 inch well	Completed				11/10/2008 14:23	BCS	
pH (Field)	6.0	pH units		0.1	11/10/2008 14:20	BCS	SM 4500HB
Specific Conductance at 25 C (Field)	48	umhos/cm		10	11/10/2008 14:20	BCS	SM 2510B
Temperature (Field)	13.1	degrees C		0.1	11/10/2008 14:20	BCS	SM 2550B
Turbidity (Field)	40	NTU		1.0	11/10/2008 14:20	BCS	Field Screen
Total Organic Carbon	1.9	mg/l		0.5	11/17/2008 04:03	JRS	SM 5310C

Sample Number	Sample Description, Date and Time Collected
AC46359	Blue Ridge Paper Co. MW-15 grab, collected on 11/10/2008 at 14:25

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Total Recoverable Phenols	< RDL	mg/l		0.005	12/02/2008 08:00	WLD	EPA 420.1

Sample Number	Sample Description, Date and Time Collected
AC46360	Blue Ridge Paper Co. MW-15 grab, collected on 11/10/2008 at 14:30

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrate-Nitrite as N	< RDL	mg/l		0.20	12/04/2008 15:01	MEA	SM 4500NO3H

Analysis comment for Nitrate-Nitrite as N: Analyzed out of holding time. Analysis requested after holding time had expired.

Nitrite as N	< RDL	mg/l		0.01	11/11/2008 08:00	WLD	SM 4500NO2B
Total Dissolved Solids	44	mg/l		25	11/13/2008 07:50	JRS	SM 2540C
Chloride	< RDL	mg/L		1.0	12/03/2008 17:29	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	12/03/2008 17:29	LBW	EPA 300.0
Sulfate	< RDL	mg/l		1.0	12/03/2008 17:29	LBW	EPA 300.0

Sample Number	Sample Description, Date and Time Collected
AC46361	Blue Ridge Paper Co. MW-15 grab, collected on 11/10/2008 at 14:39

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Arsenic ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Barium	0.04	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/11/2008 13:52	MJH	EPA 200.8
Calcium	4.0	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.002	11/11/2008 13:52	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Iron	0.47	mg/l		0.05	11/11/2008 16:19	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Magnesium	1.4	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Manganese ICPMS	0.007	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8

Sample Number	Sample Description, Date and Time Collected
AC46361	Blue Ridge Paper Co. MW-15 grab, collected on 11/10/2008 at 14:39

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nickel ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Potassium	1.5	mg/l		0.5	11/11/2008 16:19	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	11/11/2008 13:52	MJH	EPA 200.8
Sodium	3.0	mg/l		0.05	11/11/2008 16:19	KWR	EPA 200.7
Zinc	< RDL	mg/l		0.02	11/11/2008 16:19	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46362	Blue Ridge Paper Co. MW-15 grab, collected on 11/10/2008 at 14:42

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Mercury	< RDL	mg/l		0.0002	12/02/2008 12:10	LBW	EPA 245.1

Sample Number	Sample Description, Date and Time Collected
AC46363	Blue Ridge Paper Co. MW-15 grab, collected on 11/10/2008 at 14:44

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.

Sample Number	Sample Description, Date and Time Collected
AC46364	Blue Ridge Paper Co. MW-20 grab, collected on 11/10/2008 at 16:18

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.

Depth to water	46.35	feet			11/10/2008 15:27	BCS	
Monitoring well sampling >2 inch well	Completed				11/10/2008 16:18	BCS	
pH (Field)	6.4	pH units		0.1	11/10/2008 16:15	BCS	SM 4500HB
Specific Conductance at 25 C (Field)	83	umhos/cm		10	11/10/2008 16:15	BCS	SM 2510B
Temperature (Field)	14.2	degrees C		0.1	11/10/2008 16:15	BCS	SM 2550B
Turbidity (Field)	7.5	NTU		1.0	11/10/2008 16:15	BCS	Field Screen
Nitrate-Nitrite as N	< RDL	mg/l		0.20	12/04/2008 16:56	MEA	SM 4500NO3H

Analysis comment for Nitrate-Nitrite as N: Analyzed out of holding time. Analysis requested after holding time had expired.

Nitrite as N	< RDL	mg/l		0.01	11/11/2008 08:00	WLD	SM 4500NO2B
Total Dissolved Solids	55	mg/l		25	11/14/2008 08:10	JRS	SM 2540C
Total Organic Carbon	< RDL	mg/l		0.5	11/21/2008 23:31	JRS	SM 5310C

Sample Number	Sample Description, Date and Time Collected
AC46364	Blue Ridge Paper Co. MW-20 grab, collected on 11/10/2008 at 16:18

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Total Recoverable Phenols	< RDL	mg/l		0.005	11/20/2008 08:00	WLD	EPA 420.1
Chloride	2.3	mg/L		1.0	12/04/2008 02:39	LBW	EPA 300.0
Fluoride	0.16	mg/l		0.1	12/04/2008 02:39	LBW	EPA 300.0
Sulfate	15	mg/l		2.0	12/03/2008 17:54	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Barium	< RDL	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/11/2008 13:52	MJH	EPA 200.8
Calcium	3.6	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.002	11/11/2008 13:52	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Iron	5.6	mg/l		0.05	11/11/2008 16:19	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Magnesium	1.8	mg/l		0.01	11/11/2008 16:19	KWR	EPA 200.7
Manganese ICPMS	0.017	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	12/02/2008 12:13	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Potassium	2.3	mg/l		0.5	11/11/2008 16:19	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/11/2008 13:52	MJH	EPA 200.8
Silver ICPMS	0.004	mg/l		0.002	11/11/2008 13:52	MJH	EPA 200.8
Sodium	4.7	mg/l		0.05	11/11/2008 16:19	KWR	EPA 200.7
Zinc	< RDL	mg/l		0.02	11/11/2008 16:19	KWR	EPA 200.7

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P.O. Box 5655, Greenville, SC 29606
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Laboratory Services Report

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

Date Received: 11/12/2008
Time Received: 14:35
Date Reported: 01/14/2009

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

Sample Number	*Sample Description*
AC46517	Blue Ridge Paper Co. MW-13 grab, collected on 11/11/2008 at 09:13
AC46518	Blue Ridge Paper Co. MW-13 grab, collected on 11/11/2008 at 09:14
AC46519	Blue Ridge Paper Co. MW-13 grab, collected on 11/11/2008 at 09:20
AC46520	Blue Ridge Paper Co. MW-13 grab, collected on 11/11/2008 at 09:30
AC46521	Blue Ridge Paper Co. MW-13 grab, collected on 11/11/2008 at 09:33
AC46522	Blue Ridge Paper Co. MW-13 grab, collected on 11/11/2008 at 09:35

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:

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ample Number	Sample Description, Date and Time Collected
.C46517	Blue Ridge Paper Co. MW-13 grab, collected on 11/11/2008 at 09:13

arameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Depth to water	21.19	feet			11/10/2008 15:18	BCS	
Monitoring well sampling 2 inch well	Completed				11/11/2008 09:13	BCS	
pH (Field)	6.8	pH units		0.1	11/11/2008 09:10	BCS	SM 4500HB
Specific Conductance at 25 C (Field)	2329	umhos/cm		10	11/11/2008 09:10	BCS	SM 2510B
Temperature (Field)	11.8	degrees C		0.1	11/11/2008 09:10	BCS	SM 2550B
Turbidity (Field)	52	NTU		1.0	11/11/2008 09:10	BCS	Field Screen
Total Organic Carbon	3.3	mg/l		0.5	11/22/2008 00:01	JRS	SM 5310C

ample Number	Sample Description, Date and Time Collected
C46518	Blue Ridge Paper Co. MW-13 grab, collected on 11/11/2008 at 09:14

arameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrate-Nitrite as N	< RDL	mg/l		0.20	12/04/2008 13:00	MEA	SM 4500NO3H
Total Recoverable Phenols	< RDL	mg/l		0.005	11/20/2008 08:00	WLD	EPA 420.1

ample Number	Sample Description, Date and Time Collected
C46519	Blue Ridge Paper Co. MW-13 grab, collected on 11/11/2008 at 09:20

arameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrite as N	< RDL	mg/l		0.01	11/13/2008 07:30	WLD	SM 4500NO2B
Total Dissolved Solids	1590	mg/l		25	11/14/2008 08:10	JRS	SM 2540C
Chloride	39	mg/L		2.0	12/04/2008 05:34	LBW	EPA 300.0
Fluoride	< RDL	mg/l	X	1.0	12/04/2008 05:34	LBW	EPA 300.0
Sulfate	805	mg/l		2.0	12/03/2008 22:04	LBW	EPA 300.0

Sample Number	Sample Description, Date and Time Collected
AC46520	Blue Ridge Paper Co. MW-13 grab, collected on 11/11/2008 at 09:30

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Arsenic ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Barium	0.02	mg/l		0.01	11/13/2008 13:07	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/13/2008 15:24	MJH	EPA 200.8
Calcium	13	mg/l		0.01	11/18/2008 10:16	KWR	EPA 200.7
Chromium ICPMS	0.003	mg/l		0.002	11/13/2008 15:24	MJH	EPA 200.8
Copper ICPMS	0.005	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Iron	1.3	mg/l		0.05	11/13/2008 13:07	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Magnesium	8.8	mg/l		0.01	11/14/2008 12:34	KWR	EPA 200.7
Manganese	1.5	mg/l		0.02	11/13/2008 13:07	KWR	EPA 200.7
Nickel ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8

Sample Number	Sample Description, Date and Time Collected
AC46520	Blue Ridge Paper Co. MW-13 grab, collected on 11/11/2008 at 09:30

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Potassium	4.8	mg/l		0.5	11/21/2008 08:17	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	11/13/2008 15:24	MJH	EPA 200.8
Sodium	438	mg/l		0.05	11/18/2008 10:16	KWR	EPA 200.7
Zinc	< RDL	mg/l		0.02	11/13/2008 13:07	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46521	Blue Ridge Paper Co. MW-13 grab, collected on 11/11/2008 at 09:33

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Mercury	< RDL	mg/l		0.0002	12/02/2008 12:40	LBW	EPA 245.1

Sample Number	Sample Description, Date and Time Collected
AC46522	Blue Ridge Paper Co. MW-13 grab, collected on 11/11/2008 at 09:35

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.

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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: 11/12/2008
Time Received: 14:35
Date Reported: 01/13/2009

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

Sample Number	*Sample Description*
AC46523	Blue Ridge Paper Co. MW-16D grab, collected on 11/11/2008 at 11:28
AC46524	Blue Ridge Paper Co. MW-16D grab, collected on 11/11/2008 at 11:30
AC46525	Blue Ridge Paper Co. MW-16D grab, collected on 11/11/2008 at 11:39
AC46526	Blue Ridge Paper Co. MW-16D grab, collected on 11/11/2008 at 11:53
AC46527	Blue Ridge Paper Co. MW-16D grab, collected on 11/11/2008 at 11:56
AC46528	Blue Ridge Paper Co. MW-16D grab, collected on 11/11/2008 at 11:58

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 Amly
authorized signature

Results reviewed by: L

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Sample Number	Sample Description, Date and Time Collected
AC46523	Blue Ridge Paper Co. MW-16D grab, collected on 11/11/2008 at 11:28

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Depth to water	62.75	feet			11/10/2008 16:51	BCS	
Monitoring well sampling >2 inch well	Completed				11/11/2008 11:28	BCS	
pH (Field)	6.9	pH units		0.1	11/11/2008 11:27	BCS	SM 4500HB
Specific Conductance at 25 C (Field)	1713	umhos/cm		10	11/11/2008 11:27	BCS	SM 2510B
Temperature (Field)	14.3	degrees C		0.1	11/11/2008 11:27	BCS	SM 2550B
Turbidity (Field)	7.1	NTU		1.0	11/11/2008 11:27	BCS	Field Screen
Total Organic Carbon	10	mg/l		0.5	11/22/2008 00:20	JRS	SM 5310C

Sample Number	Sample Description, Date and Time Collected
AC46524	Blue Ridge Paper Co. MW-16D grab, collected on 11/11/2008 at 11:30

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrate-Nitrite as N	< RDL	mg/l		0.20	12/04/2008 13:08	MEA	SM 4500NO3H
Total Recoverable Phenols	< RDL	mg/l		0.005	11/20/2008 08:00	WLD	EPA 420.1

Sample Number	Sample Description, Date and Time Collected
AC46525	Blue Ridge Paper Co. MW-16D grab, collected on 11/11/2008 at 11:39

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrite as N	< RDL	mg/l		0.01	11/13/2008 07:30	WLD	SM 4500NO2B
Total Dissolved Solids	1050	mg/l		25	11/14/2008 08:10	JRS	SM 2540C
Chloride	93	mg/L		2.0	12/03/2008 22:29	LBW	EPA 300.0
Fluoride	< RDL	mg/l	X	0.2	12/04/2008 05:59	LBW	EPA 300.0
Sulfate	61	mg/l		2.0	12/03/2008 22:29	LBW	EPA 300.0

Sample Number	Sample Description, Date and Time Collected
AC46526	Blue Ridge Paper Co. MW-16D grab, collected on 11/11/2008 at 11:53

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Arsenic ICPMS	< RDL	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Barium	0.21	mg/l		0.01	11/13/2008 13:07	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/14/2008 11:12	MJH	EPA 200.8
Calcium	265	mg/l		0.01	11/18/2008 10:16	KWR	EPA 200.7
Chromium ICPMS	0.003	mg/l		0.002	11/14/2008 11:12	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Iron	4.4	mg/l		0.05	11/13/2008 13:07	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Magnesium	38	mg/l		0.01	11/14/2008 12:34	KWR	EPA 200.7
Manganese	4.8	mg/l		0.02	11/13/2008 13:07	KWR	EPA 200.7
Nickel ICPMS	0.013	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8

Sample Number	Sample Description, Date and Time Collected
AC46526	Blue Ridge Paper Co. MW-16D grab, collected on 11/11/2008 at 11:53

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Potassium	24	mg/l		0.5	11/18/2008 10:16	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	11/14/2008 11:12	MJH	EPA 200.8
Sodium	40	mg/l		0.05	11/18/2008 10:16	KWR	EPA 200.7
Zinc	< RDL	mg/l		0.02	11/13/2008 13:07	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46527	Blue Ridge Paper Co. MW-16D grab, collected on 11/11/2008 at 11:56

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Mercury	< RDL	mg/l		0.0002	12/02/2008 12:43	LBW	EPA 245.1

Sample Number	Sample Description, Date and Time Collected
AC46528	Blue Ridge Paper Co. MW-16D grab, collected on 11/11/2008 at 11:58

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.

ROGERS & CALLCOTT
LABORATORY SERVICES

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AN EMPLOYEE-OWNED COMPANY

Laboratory Services Report

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

Date Received: 11/12/2008
Time Received: 14:35
Date Reported: 01/13/2009

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

Sample Number	*Sample Description*
AC46529	Blue Ridge Paper Co. MW-16S grab, collected on 11/11/2008 at 13:27
AC46530	Blue Ridge Paper Co. MW-16S grab, collected on 11/11/2008 at 13:29
AC46531	Blue Ridge Paper Co. MW-16S grab, collected on 11/11/2008 at 13:35
AC46532	Blue Ridge Paper Co. MW-16S grab, collected on 11/11/2008 at 13:47
AC46533	Blue Ridge Paper Co. MW-16S grab, collected on 11/11/2008 at 13:50
AC46534	Blue Ridge Paper Co. MW-16S grab, collected on 11/11/2008 at 13:52

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 Asner
authorized signature

Results reviewed by: L

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Sample Number	Sample Description, Date and Time Collected
AC46529	Blue Ridge Paper Co. MW-16S grab, collected on 11/11/2008 at 13:27

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Depth to water	59.00	feet			11/10/2008 16:53	BCS	
Monitoring well sampling >2 inch well	Completed				11/11/2008 13:27	BCS	
pH (Field)	6.5	pH units		0.1	11/11/2008 13:25	BCS	SM 4500HB
Specific Conductance at 25 C (Field)	4030	umhos/cm		10	11/11/2008 13:25	BCS	SM 2510B
Temperature (Field)	14.4	degrees C		0.1	11/11/2008 13:25	BCS	SM 2550B
Turbidity (Field)	5.4	NTU		1.0	11/11/2008 13:25	BCS	Field Screen
Total Organic Carbon	63	mg/l		0.5	11/26/2008 21:54	JRS	SM 5310C

Sample Number	Sample Description, Date and Time Collected
AC46530	Blue Ridge Paper Co. MW-16S grab, collected on 11/11/2008 at 13:29

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrate-Nitrite as N	< RDL	mg/l		0.20	12/04/2008 13:08	MEA	SM 4500NO3H
Total Recoverable Phenols	< RDL	mg/l		0.005	12/02/2008 08:00	WLD	EPA 420.1

Sample Number	Sample Description, Date and Time Collected
AC46531	Blue Ridge Paper Co. MW-16S grab, collected on 11/11/2008 at 13:35

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrite as N	< RDL	mg/l		0.01	11/13/2008 07:30	WLD	SM 4500NO2B
Total Dissolved Solids	2380	mg/l		25	11/14/2008 08:10	JRS	SM 2540C
Chloride	179	mg/L		2.0	12/03/2008 22:54	LBW	EPA 300.0
Fluoride	< RDL	mg/l	X	0.2	12/04/2008 06:50	LBW	EPA 300.0
Sulfate	36	mg/l		2.0	12/04/2008 06:24	LBW	EPA 300.0

Sample Number	Sample Description, Date and Time Collected
AC46532	Blue Ridge Paper Co. MW-16S grab, collected on 11/11/2008 at 13:47

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Arsenic ICPMS	< RDL	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Barium	0.84	mg/l		0.01	11/13/2008 13:07	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/14/2008 11:12	MJH	EPA 200.8
Calcium	126	mg/l		0.01	11/18/2008 10:16	KWR	EPA 200.7
Chromium ICPMS	0.006	mg/l		0.002	11/14/2008 11:12	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Iron	5.9	mg/l		0.05	11/14/2008 12:34	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Magnesium	60	mg/l		0.01	11/18/2008 10:16	KWR	EPA 200.7
Manganese	13	mg/l		0.02	11/14/2008 12:34	KWR	EPA 200.7
Nickel ICPMS	0.051	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8

Sample Number	Sample Description, Date and Time Collected
AC46532	Blue Ridge Paper Co. MW-16S grab, collected on 11/11/2008 at 13:47

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Potassium	10	mg/l		0.5	11/18/2008 10:16	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	11/14/2008 11:12	MJH	EPA 200.8
Sodium	546	mg/l		0.05	11/18/2008 10:16	KWR	EPA 200.7
Zinc	< RDL	mg/l		0.02	11/13/2008 13:07	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46533	Blue Ridge Paper Co. MW-16S grab, collected on 11/11/2008 at 13:50

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Mercury	< RDL	mg/l		0.0002	12/02/2008 12:45	LBW	EPA 245.1

Sample Number	Sample Description, Date and Time Collected
AC46534	Blue Ridge Paper Co. MW-16S grab, collected on 11/11/2008 at 13:52

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.

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Laboratory Services Report

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

Date Received: 11/12/2008
Time Received: 14:35
Date Reported: 01/13/2009

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

Sample Number	*Sample Description*
AC46535	Blue Ridge Paper Co. MW-10 grab, collected on 11/11/2008 at 15:08
AC46536	Blue Ridge Paper Co. MW-18 grab, collected on 11/11/2008 at 17:06
AC46537	Blue Ridge Paper Co. MW-18 grab, collected on 11/11/2008 at 17:07
AC46538	Blue Ridge Paper Co. MW-18 grab, collected on 11/11/2008 at 17:14
AC46539	Blue Ridge Paper Co. MW-18 grab, collected on 11/11/2008 at 17:24
AC46540	Blue Ridge Paper Co. MW-18 grab, collected on 11/11/2008 at 17:27
AC46541	Blue Ridge Paper Co. MW-18 grab, collected on 11/11/2008 at 17:29

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.

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Results released by: Amy J Arnold
authorized signature

Results reviewed by: b

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Sample Number	Sample Description, Date and Time Collected
AC46535	Blue Ridge Paper Co. MW-10 grab, collected on 11/11/2008 at 15:08

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		
Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.							
Depth to water	40.55	feet			11/10/2008 17:28	BCS	
Monitoring well sampling 2 inch well	Completed				11/11/2008 15:08	BCS	
pH (Field)	6.6	pH units		0.1	11/11/2008 15:06	BCS	SM 4500HB
Specific Conductance at 25 C (Field)	33	umhos/cm		10	11/11/2008 15:06	BCS	SM 2510B
Temperature (Field)	12.6	degrees C		0.1	11/11/2008 15:06	BCS	SM 2550B
Turbidity (Field)	8.7	NTU		1.0	11/11/2008 15:06	BCS	Field Screen
Nitrate-Nitrite as N	< RDL	mg/l		0.20	12/04/2008 14:13	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	11/13/2008 07:30	WLD	SM 4500NO2B
Total Dissolved Solids	< RDL	mg/l		25	11/14/2008 08:10	JRS	SM 2540C
Total Organic Carbon	< RDL	mg/l		0.5	11/22/2008 00:40	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	12/02/2008 08:00	WLD	EPA 420.1
Chloride	< RDL	mg/L		1.0	12/03/2008 23:19	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	12/03/2008 23:19	LBW	EPA 300.0
Sulfate	2.0	mg/l		1.0	12/03/2008 23:19	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Barium	0.01	mg/l		0.01	11/13/2008 13:07	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/13/2008 15:24	MJH	EPA 200.8
Calcium	2.1	mg/l		0.01	11/13/2008 13:07	KWR	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.002	11/13/2008 15:24	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Iron	0.14	mg/l		0.05	11/13/2008 13:07	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Magnesium	1.6	mg/l		0.01	11/13/2008 13:07	KWR	EPA 200.7
Manganese ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	12/02/2008 12:47	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Potassium	0.95	mg/l		0.5	11/18/2008 10:16	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	11/13/2008 15:24	MJH	EPA 200.8
Sodium	1.4	mg/l		0.05	11/13/2008 13:07	KWR	EPA 200.7
Zinc	< RDL	mg/l		0.02	11/13/2008 13:07	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46536	Blue Ridge Paper Co. MW-18 grab, collected on 11/11/2008 at 17:06

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Depth to water	75.96	feet			11/10/2008 16:47	BCS	
Monitoring well sampling >2 inch well	Completed				11/11/2008 17:06	BCS	

Sample Number	Sample Description, Date and Time Collected
AC46536	Blue Ridge Paper Co. MW-18 grab, collected on 11/11/2008 at 17:06

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
pH (Field)	6.7	pH units		0.1	11/11/2008 17:04	BCS	SM 4500HB
Specific Conductance at 25 C (Field)	2754	umhos/cm		10	11/11/2008 17:04	BCS	SM 2510B
Temperature (Field)	12.9	degrees C		0.1	11/11/2008 17:04	BCS	SM 2550B
Turbidity (Field)	8.0	NTU		1.0	11/11/2008 17:04	BCS	Field Screen
Total Organic Carbon	2.6	mg/l		0.5	11/22/2008 00:58	JRS	SM 5310C

Sample Number	Sample Description, Date and Time Collected
AC46537	Blue Ridge Paper Co. MW-18 grab, collected on 11/11/2008 at 17:07

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrate-Nitrite as N	< RDL	mg/l		0.20	12/04/2008 15:16	MEA	SM 4500NO3H
Total Recoverable Phenols	< RDL	mg/l		0.005	12/02/2008 08:00	WLD	EPA 420.1

Sample Number	Sample Description, Date and Time Collected
AC46538	Blue Ridge Paper Co. MW-18 grab, collected on 11/11/2008 at 17:14

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrite as N	< RDL	mg/l		0.01	11/13/2008 07:30	WLD	SM 4500NO2B
Total Dissolved Solids	1620	mg/l		25	11/14/2008 08:10	JRS	SM 2540C
Chloride	48	mg/L		2.0	12/04/2008 07:15	LBW	EPA 300.0
Fluoride	< RDL	mg/l	X	1.0	12/04/2008 07:15	LBW	EPA 300.0
Sulfate	806	mg/l		2.0	12/04/2008 00:34	LBW	EPA 300.0

Sample Number	Sample Description, Date and Time Collected
AC46539	Blue Ridge Paper Co. MW-18 grab, collected on 11/11/2008 at 17:24

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Arsenic ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Barium	0.02	mg/l		0.01	11/13/2008 13:07	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/13/2008 15:24	MJH	EPA 200.8
Calcium	91	mg/l		0.01	11/18/2008 10:16	KWR	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.002	11/13/2008 15:24	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Iron	33	mg/l		0.05	11/14/2008 12:34	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Magnesium	34	mg/l		0.01	11/14/2008 12:34	KWR	EPA 200.7
Manganese	5.5	mg/l		0.02	11/13/2008 13:07	KWR	EPA 200.7
Nickel ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Potassium	11	mg/l		0.5	11/18/2008 10:16	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8

Sample Number	Sample Description, Date and Time Collected
AC46539	Blue Ridge Paper Co. MW-18 grab, collected on 11/11/2008 at 17:24

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Silver ICPMS	< RDL	mg/l		0.002	11/13/2008 15:24	MJH	EPA 200.8
Sodium	256	mg/l		0.05	11/18/2008 10:16	KWR	EPA 200.7
Zinc	< RDL	mg/l		0.02	11/13/2008 13:07	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46540	Blue Ridge Paper Co. MW-18 grab, collected on 11/11/2008 at 17:27

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Mercury	< RDL	mg/l		0.0002	12/02/2008 13:00	LBW	EPA 245.1

Sample Number	Sample Description, Date and Time Collected
AC46541	Blue Ridge Paper Co. MW-18 grab, collected on 11/11/2008 at 17:29

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.

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LABORATORY SERVICES

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Phone: (864) 232-1556 - FAX: (864) 232-6140

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

Date Received: 11/12/2008
Time Received: 14:35
Date Reported: 01/13/2009

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

Sample Number	*Sample Description*
AC46542	Blue Ridge Paper Co. MW-9 grab, collected on 11/12/2008 at 08:58
AC46543	Blue Ridge Paper Co. MW-1A grab, collected on 11/12/2008 at 09:14
AC46544	Blue Ridge Paper Co. MW-11 grab, collected on 11/12/2008 at 09:30
AC46545	Blue Ridge Paper Co. MW-8 grab, collected on 11/12/2008 at 10:04
AC46546	Blue Ridge Paper Co. MW-5A grab, collected on 11/12/2008 at 10:22
AC46547	Blue Ridge Paper Co. MW-6 grab, collected on 11/12/2008 at 10:40
AC46548	Blue Ridge Paper Co. MW-7A grab, collected on 11/12/2008 at 10:56

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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 Gosley
authorized signature

Results reviewed by: V

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'ample Number	Sample Description, Date and Time Collected
\C46542	Blue Ridge Paper Co. MW-9 grab, collected on 11/12/2008 at 08:58

'arameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		
Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.							
Depth to water	41.84	feet			11/10/2008 17:23	BCS	
Monitoring well sampling 2 inch well	Completed				11/12/2008 08:58	BCS	
pH (Field)	4.5	pH units		0.1	11/12/2008 08:58	BCS	SM 4500HB
Specific Conductance at 25 C (Field)	58	umhos/cm		10	11/12/2008 08:58	BCS	SM 2510B
Temperature (Field)	13.2	degrees C		0.1	11/12/2008 08:58	BCS	SM 2550B
Turbidity (Field)	17	NTU		1.0	11/12/2008 08:58	BCS	Field Screen
Nitrate-Nitrite as N	0.41	mg/l		0.20	12/08/2008 11:31	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	11/13/2008 07:30	WLD	SM 4500NO2B
Total Dissolved Solids	25	mg/l		25	11/14/2008 08:10	JRS	SM 2540C
Total Organic Carbon	3.0	mg/l		0.5	11/22/2008 01:18	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	11/20/2008 08:00	WLD	EPA 420.1
Chloride	< RDL	mg/L		1.0	12/04/2008 00:59	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	12/04/2008 00:59	LBW	EPA 300.0
Sulfate	2.4	mg/l		1.0	12/04/2008 00:59	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Barium	< RDL	mg/l		0.01	11/13/2008 13:07	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/13/2008 15:24	MJH	EPA 200.8
Calcium	2.0	mg/l		0.01	11/13/2008 13:07	KWR	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.002	11/13/2008 15:24	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Iron	0.05	mg/l		0.05	11/13/2008 13:07	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Magnesium	1.0	mg/l		0.01	11/13/2008 13:07	KWR	EPA 200.7
Manganese ICPMS	0.012	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	12/02/2008 13:02	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Potassium	1.6	mg/l		0.5	11/18/2008 10:16	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	11/13/2008 15:24	MJH	EPA 200.8
Sodium	1.6	mg/l		0.05	11/13/2008 13:07	KWR	EPA 200.7
Zinc	< RDL	mg/l		0.02	11/13/2008 13:07	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46543	Blue Ridge Paper Co. MW-1A grab, collected on 11/12/2008 at 09:14

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		

Sample Number	Sample Description, Date and Time Collected
AC46543	Blue Ridge Paper Co. MW-1A grab, collected on 11/12/2008 at 09:14

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.							
Depth to water	62.34	feet			11/10/2008 17:36	BCS	
Monitoring well sampling 2 inch well	Completed				11/12/2008 09:14	BCS	
pH (Field)	6.3	pH units		0.1	11/11/2008 10:45	BCS	SM 4500HB
Specific Conductance at 25 C (Field)	34	umhos/cm		10	11/11/2008 10:45	BCS	SM 2510B
Temperature (Field)	12.7	degrees C		0.1	11/11/2008 10:45	BCS	SM 2550B
Turbidity (Field)	22	NTU		1.0	11/12/2008 09:14	BCS	Field Screen
Nitrate-Nitrite as N	< RDL	mg/l		0.20	12/08/2008 11:48	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	11/13/2008 07:30	WLD	SM 4500NO2B
Total Dissolved Solids	37	mg/l		25	11/14/2008 08:10	JRS	SM 2540C
Total Organic Carbon	21	mg/l		0.5	11/26/2008 21:33	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	11/20/2008 08:00	WLD	EPA 420.1
Chloride	< RDL	mg/L		1.0	12/04/2008 01:24	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	12/04/2008 01:24	LBW	EPA 300.0
Sulfate	< RDL	mg/l		1.0	12/04/2008 01:24	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Barium	0.05	mg/l		0.01	11/13/2008 13:07	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/13/2008 15:24	MJH	EPA 200.8
Calcium	2.7	mg/l		0.01	11/13/2008 13:07	KWR	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.002	11/13/2008 15:24	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Iron	0.16	mg/l		0.05	11/13/2008 13:07	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Magnesium	1.1	mg/l		0.01	11/13/2008 13:07	KWR	EPA 200.7
Manganese ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	12/02/2008 13:05	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Potassium	1.6	mg/l		0.5	11/18/2008 10:16	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	11/13/2008 15:24	MJH	EPA 200.8
Sodium	1.7	mg/l		0.05	11/13/2008 13:07	KWR	EPA 200.7
Zinc	0.04	mg/l		0.02	11/13/2008 13:07	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46544	Blue Ridge Paper Co. MW-11 grab, collected on 11/12/2008 at 09:30

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		
Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.							

'ample Number	Sample Description, Date and Time Collected
.C46544	Blue Ridge Paper Co. MW-11 grab, collected on 11/12/2008 at 09:30

'arameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Depth to water	15.13	feet			11/10/2008 17:30	BCS	
Monitoring well sampling 2 inch well	Completed				11/12/2008 09:30	BCS	
pH (Field)	5.4	pH units		0.1	11/12/2008 09:30	BCS	SM 4500HB
Specific Conductance at 25 C (Field)	57	umhos/cm		10	11/12/2008 09:30	BCS	SM 2510B
Temperature (Field)	13.2	degrees C		0.1	11/12/2008 09:30	BCS	SM 2550B
Turbidity (Field)	14	NTU		1.0	11/12/2008 09:30	BCS	Field Screen
Nitrate-Nitrite as N	< RDL	mg/l		0.20	12/08/2008 11:48	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	11/13/2008 07:30	WLD	SM 4500NO2B
Total Dissolved Solids	36	mg/l		25	11/14/2008 08:10	JRS	SM 2540C
Total Organic Carbon	7.0	mg/l		0.5	11/22/2008 03:18	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	11/20/2008 08:00	WLD	EPA 420.1
Chloride	< RDL	mg/L		1.0	12/04/2008 01:49	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	12/04/2008 01:49	LBW	EPA 300.0
Sulfate	14	mg/l		2.0	12/04/2008 21:11	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Barium	0.03	mg/l		0.01	11/13/2008 13:07	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/13/2008 15:24	MJH	EPA 200.8
Calcium	2.0	mg/l		0.01	11/13/2008 13:07	KWR	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.002	11/13/2008 15:24	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Iron	0.38	mg/l		0.05	11/13/2008 13:07	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Magnesium	3.1	mg/l		0.01	11/13/2008 13:07	KWR	EPA 200.7
Manganese ICPMS	0.008	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	12/02/2008 13:07	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Potassium	0.65	mg/l		0.5	11/14/2008 12:34	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	11/13/2008 15:24	MJH	EPA 200.8
Sodium	1.5	mg/l		0.05	11/13/2008 13:07	KWR	EPA 200.7
Zinc	< RDL	mg/l		0.02	11/13/2008 13:07	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46545	Blue Ridge Paper Co. MW-8 grab, collected on 11/12/2008 at 10:04

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.

Depth to water	11.00	feet			11/10/2008 17:15	BCS	
Monitoring well sampling 2 inch well	Completed				11/12/2008 10:04	BCS	

Sample Number	Sample Description, Date and Time Collected
\C46545	Blue Ridge Paper Co. MW-8 grab, collected on 11/12/2008 at 10:04

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
pH (Field)	6.1	pH units		0.1	11/12/2008 10:04	BCS	SM 4500HB
Specific Conductance at 25 C (Field)	70	umhos/cm		10	11/12/2008 10:04	BCS	SM 2510B
Temperature (Field)	15.2	degrees C		0.1	11/12/2008 10:04	BCS	SM 2550B
Turbidity (Field)	3.0	NTU		1.0	11/12/2008 10:04	BCS	Field Screen
Nitrate-Nitrite as N	< RDL	mg/l		0.20	12/08/2008 11:48	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	11/13/2008 07:30	WLD	SM 4500NO2B
Total Dissolved Solids	71	mg/l		25	11/17/2008 14:40	JRS	SM 2540C
Total Organic Carbon	1.0	mg/l		0.5	11/22/2008 03:37	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	11/20/2008 08:00	WLD	EPA 420.1
Chloride	< RDL	mg/L		1.0	12/05/2008 04:39	LBW	EPA 300.0
Fluoride	0.12	mg/l		0.1	12/05/2008 04:39	LBW	EPA 300.0
Sulfate	11	mg/l		2.0	12/04/2008 18:23	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Barium	< RDL	mg/l		0.01	11/13/2008 13:07	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/13/2008 15:24	MJH	EPA 200.8
Calcium	4.4	mg/l		0.01	11/13/2008 13:07	KWR	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.002	11/13/2008 15:24	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Iron	0.94	mg/l		0.05	11/13/2008 13:07	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Magnesium	1.5	mg/l		0.01	11/13/2008 13:07	KWR	EPA 200.7
Manganese ICPMS	0.043	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	12/02/2008 13:17	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Potassium	2.3	mg/l		0.5	11/14/2008 12:34	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	11/13/2008 15:24	MJH	EPA 200.8
Sodium	2.6	mg/l		0.05	11/18/2008 10:16	KWR	EPA 200.7
Zinc	< RDL	mg/l		0.02	11/13/2008 13:07	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46546	Blue Ridge Paper Co. MW-5A grab, collected on 11/12/2008 at 10:22

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.

Depth to water	37.46	feet			11/10/2008 17:10	BCS	
Monitoring well sampling 2 inch well	Completed				11/12/2008 10:22	BCS	
pH (Field)	5.4	pH units		0.1	11/12/2008 10:22	BCS	SM 4500HB
Specific Conductance at 25 C (Field)	595	umhos/cm		10	11/12/2008 10:22	BCS	SM 2510B

Sample Number	Sample Description, Date and Time Collected
AC46546	Blue Ridge Paper Co. MW-5A grab, collected on 11/12/2008 at 10:22

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Temperature (Field)	15.5	degrees C		0.1	11/12/2008 10:22	BCS	SM 2550B
Turbidity (Field)	12	NTU		1.0	11/12/2008 10:22	BCS	Field Screen
Nitrate-Nitrite as N	0.54	mg/l		0.20	12/08/2008 11:48	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	11/13/2008 07:30	WLD	SM 4500NO2B
Total Dissolved Solids	344	mg/l		25	11/17/2008 14:40	JRS	SM 2540C
Total Organic Carbon	8.3	mg/l		0.5	11/22/2008 03:55	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	12/02/2008 08:00	WLD	EPA 420.1
Chloride	96	mg/L		2.0	12/05/2008 01:23	LBW	EPA 300.0
Fluoride	< RDL	mg/l	X	0.5	12/05/2008 00:55	LBW	EPA 300.0
Sulfate	19	mg/l		2.0	12/05/2008 00:55	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Barium	0.08	mg/l		0.01	11/13/2008 13:07	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/13/2008 15:24	MJH	EPA 200.8
Calcium	21	mg/l		0.01	11/18/2008 10:16	KWR	EPA 200.7
Chromium ICPMS	0.002	mg/l		0.002	11/13/2008 15:24	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Iron	0.15	mg/l		0.05	11/13/2008 13:07	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Magnesium	24	mg/l		0.01	11/18/2008 10:16	KWR	EPA 200.7
Manganese	22	mg/l		0.02	11/18/2008 10:16	KWR	EPA 200.7
Mercury	< RDL	mg/l		0.0002	12/02/2008 13:29	LBW	EPA 245.1
Nickel ICPMS	0.005	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Potassium	3.4	mg/l		0.5	11/14/2008 12:34	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	11/13/2008 15:24	MJH	EPA 200.8
Sodium	13	mg/l		0.05	11/18/2008 10:16	KWR	EPA 200.7
Zinc	< RDL	mg/l		0.02	11/13/2008 13:07	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46547	Blue Ridge Paper Co. MW-6 grab, collected on 11/12/2008 at 10:40

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.

Depth to water	14.21	feet			11/10/2008 17:04	BCS	
Monitoring well sampling 2 inch well	Completed				11/12/2008 10:40	BCS	
pH (Field)	5.7	pH units		0.1	11/12/2008 10:40	BCS	SM 4500HB
Specific Conductance at 25 C (Field)	460	umhos/cm		10	11/12/2008 10:40	BCS	SM 2510B
Temperature (Field)	14.4	degrees C		0.1	11/12/2008 10:40	BCS	SM 2550B
Turbidity (Field)	23	NTU		1.0	11/12/2008 10:40	BCS	Field Screen

Sample Number	Sample Description, Date and Time Collected
AC46547	Blue Ridge Paper Co. MW-6 grab, collected on 11/12/2008 at 10:40

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrate-Nitrite as N	< RDL	mg/l		0.20	12/08/2008 11:59	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	11/13/2008 07:30	WLD	SM 4500NO2B
Total Dissolved Solids	334	mg/l		25	11/17/2008 14:40	JRS	SM 2540C
Total Organic Carbon	11	mg/l		0.5	11/22/2008 04:18	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	12/02/2008 08:00	WLD	EPA 420.1
Chloride	92	mg/L		2.0	12/05/2008 16:55	LBW	EPA 300.0
Fluoride	< RDL	mg/l	X	0.2	12/05/2008 06:31	LBW	EPA 300.0
Sulfate	23	mg/l	S1	2.0	12/09/2008 12:27	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Barium	0.10	mg/l		0.01	11/13/2008 13:07	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/13/2008 15:24	MJH	EPA 200.8
Calcium	29	mg/l		0.01	11/18/2008 10:16	KWR	EPA 200.7
Chromium ICPMS	0.002	mg/l		0.002	11/13/2008 15:24	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Iron	2.1	mg/l		0.05	11/13/2008 13:07	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Magnesium	21	mg/l		0.01	11/18/2008 10:16	KWR	EPA 200.7
Manganese	4.2	mg/l		0.02	11/13/2008 13:07	KWR	EPA 200.7
Mercury	< RDL	mg/l		0.0002	12/02/2008 13:32	LBW	EPA 245.1
Nickel ICPMS	0.014	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Potassium	4.8	mg/l		0.5	11/14/2008 12:34	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	11/13/2008 15:24	MJH	EPA 200.8
Sodium	16	mg/l		0.05	11/18/2008 10:16	KWR	EPA 200.7
Zinc	< RDL	mg/l		0.02	11/13/2008 13:07	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46548	Blue Ridge Paper Co. MW-7A grab, collected on 11/12/2008 at 10:56

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.

Depth to water	11.33	feet			11/10/2008 17:00	BCS	
Monitoring well sampling 2 inch well	Completed				11/12/2008 10:56	BCS	
pH (Field)	5.5	pH units		0.1	11/12/2008 10:56	BCS	SM 4500HB
Specific Conductance at 25 C (Field)	441	umhos/cm		10	11/12/2008 10:56	BCS	SM 2510B
Temperature (Field)	14.8	degrees C		0.1	11/12/2008 10:56	BCS	SM 2550B
Turbidity (Field)	22	NTU		1.0	11/12/2008 10:56	BCS	Field Screen
Nitrate-Nitrite as N	< RDL	mg/l		0.20	12/08/2008 13:30	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	11/13/2008 07:30	WLD	SM 4500NO2B

Sample Number	Sample Description, Date and Time Collected
AC46548	Blue Ridge Paper Co. MW-7A grab, collected on 11/12/2008 at 10:56

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Total Dissolved Solids	264	mg/l		25	11/17/2008 14:40	JRS	SM 2540C
Total Organic Carbon	4.0	mg/l		0.5	11/22/2008 04:40	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	12/02/2008 08:00	WLD	EPA 420.1
Chloride	65	mg/L		2.0	12/05/2008 03:15	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	12/05/2008 06:59	LBW	EPA 300.0
Sulfate	20	mg/l		2.0	12/05/2008 03:15	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Barium	0.09	mg/l		0.01	11/13/2008 13:07	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/13/2008 15:24	MJH	EPA 200.8
Calcium	26	mg/l		0.01	11/18/2008 10:16	KWR	EPA 200.7
Chromium ICPMS	0.002	mg/l		0.002	11/13/2008 15:24	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Iron	0.21	mg/l		0.05	11/13/2008 13:07	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Magnesium	19	mg/l		0.01	11/18/2008 10:16	KWR	EPA 200.7
Manganese ICPMS	0.419	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Mercury	0.0011	mg/l		0.0002	12/02/2008 13:34	LBW	EPA 245.1
Nickel ICPMS	0.007	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Potassium	3.5	mg/l		0.5	11/14/2008 12:34	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	11/13/2008 15:24	MJH	EPA 200.8
Sodium	10	mg/l		0.05	11/18/2008 10:16	KWR	EPA 200.7
Zinc	< RDL	mg/l		0.02	11/13/2008 13:07	KWR	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: 11/12/2008
Time Received: 14:35
Date Reported: 01/13/2009

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

Sample Number	*Sample Description*
AC46549	Blue Ridge Paper Co. MW-21 grab, collected on 11/12/2008 at 10:07
AC46550	Blue Ridge Paper Co. MW-21 grab, collected on 11/12/2008 at 10:08
AC46551	Blue Ridge Paper Co. MW-21 grab, collected on 11/12/2008 at 10:15
AC46552	Blue Ridge Paper Co. MW-21 grab, collected on 11/12/2008 at 10:30
AC46553	Blue Ridge Paper Co. MW-21 grab, collected on 11/12/2008 at 10:34
AC46554	Blue Ridge Paper Co. MW-21 grab, collected on 11/12/2008 at 10:36

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:

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Sample Number	Sample Description, Date and Time Collected
AC46549	Blue Ridge Paper Co. MW-21 grab, collected on 11/12/2008 at 10:07

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Depth to water	10.76	feet			11/10/2008 16:15	BCS	
Monitoring well sampling >2 inch well	Completed				11/12/2008 10:07	BCS	
pH (Field)	6.7	pH units		0.1	11/12/2008 10:05	BCS	SM 4500HB
Specific Conductance at 25 C (Field)	2131	umhos/cm		10	11/12/2008 10:05	BCS	SM 2510B
Temperature (Field)	14.2	degrees C		0.1	11/12/2008 10:05	BCS	SM 2550B
Turbidity (Field)	4.2	NTU		1.0	11/12/2008 10:05	BCS	Field Screen
Total Organic Carbon	3.3	mg/l		0.5	11/22/2008 04:59	JRS	SM 5310C

Sample Number	Sample Description, Date and Time Collected
AC46550	Blue Ridge Paper Co. MW-21 grab, collected on 11/12/2008 at 10:08

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Total Recoverable Phenols	< RDL	mg/l		0.005	12/04/2008 08:00	WLD	EPA 420.1

Sample Number	Sample Description, Date and Time Collected
AC46551	Blue Ridge Paper Co. MW-21 grab, collected on 11/12/2008 at 10:15

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nitrate-Nitrite as N	< RDL	mg/l		0.20	12/08/2009 14:21	MEA	SM 4500NO3H

Analysis comment for Nitrate-Nitrite as N: Analyzed out of holding time. Analysis requested after holding time had expired.

Nitrite as N	< RDL	mg/l		0.01	11/13/2008 07:30	WLD	SM 4500NO2B
Total Dissolved Solids	1820	mg/l		25	11/17/2008 14:40	JRS	SM 2540C
Chloride	65	mg/L		2.0	12/05/2008 05:07	LBW	EPA 300.0
Fluoride	< RDL	mg/l	X	1.0	12/05/2008 05:07	LBW	EPA 300.0
Sulfate	1040	mg/l		2.0	12/04/2008 21:39	LBW	EPA 300.0

Sample Number	Sample Description, Date and Time Collected
AC46552	Blue Ridge Paper Co. MW-21 grab, collected on 11/12/2008 at 10:30

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Arsenic ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Barium	0.04	mg/l		0.01	11/13/2008 13:07	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/13/2008 15:24	MJH	EPA 200.8
Calcium	311	mg/l		0.01	11/18/2008 10:16	KWR	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.002	11/13/2008 15:24	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Iron	21	mg/l		0.05	11/14/2008 12:34	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Magnesium	27	mg/l		0.01	11/14/2008 12:34	KWR	EPA 200.7
Manganese	0.84	mg/l		0.02	11/13/2008 13:07	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46552	Blue Ridge Paper Co. MW-21 grab, collected on 11/12/2008 at 10:30

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Nickel ICPMS	0.012	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Potassium	15	mg/l		0.5	11/14/2008 12:34	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/13/2008 15:24	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	11/13/2008 15:24	MJH	EPA 200.8
Sodium	139	mg/l		0.05	11/18/2008 10:16	KWR	EPA 200.7
Zinc	< RDL	mg/l		0.02	11/13/2008 13:07	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46553	Blue Ridge Paper Co. MW-21 grab, collected on 11/12/2008 at 10:34

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Mercury	< RDL	mg/l		0.0002	12/02/2008 13:37	LBW	EPA 245.1

Sample Number	Sample Description, Date and Time Collected
AC46554	Blue Ridge Paper Co. MW-21 grab, collected on 11/12/2008 at 10:36

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 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: 11/13/2008
Time Received: 12:45
Date Reported: 01/14/2009

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

Sample Number	*Sample Description*
AC46718	Blue Ridge Paper Co. MW-3A grab, collected on 11/13/2008 at 09:25
AC46719	Blue Ridge Paper Co. MW-12 grab, collected on 11/13/2008 at 09:40
AC46720	Blue Ridge Paper Co. MW-4 grab, collected on 11/13/2008 at 09:55
AC46721	Blue Ridge Paper Co. MW-2 grab, collected on 11/13/2008 at 10:10

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: LM

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ample Number	Sample Description, Date and Time Collected
C46718	Blue Ridge Paper Co. MW-3A grab, collected on 11/13/2008 at 09:25

'arameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		
Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.							
Depth to water	8.41	feet			11/10/2008 16:17	BCS	
Monitoring well sampling 2 inch well	Completed				11/13/2008 09:25	BCS	
pH (Field)	6.6	pH units		0.1	11/13/2008 09:25	BCS	SM 4500HB
Specific Conductance at 25 C (Field)	930	umhos/cm		10	11/13/2008 09:25	BCS	SM 2510B
Temperature (Field)	14.7	degrees C		0.1	11/13/2008 09:25	BCS	SM 2550B
Turbidity (Field)	14	NTU		1.0	11/13/2008 09:25	BCS	Field Screen
Nitrate-Nitrite as N	< RDL	mg/l		0.20	12/08/2008 11:59	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	11/14/2008 07:30	WLD	SM 4500NO2B
Total Dissolved Solids	700	mg/l		25	11/17/2008 14:40	JRS	SM 2540C
Total Organic Carbon	1.9	mg/l		0.5	11/22/2008 05:18	JRS	SM 5310C
Total Recoverable Phenols	0.006	mg/l		0.005	11/18/2008 08:00	WLD	EPA 420.1
Chloride	35	mg/L		2.0	12/05/2008 02:47	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	12/05/2008 07:27	LBW	EPA 300.0
Sulfate	253	mg/l		2.0	12/04/2008 22:07	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Barium	0.05	mg/l		0.01	11/14/2008 12:34	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/14/2008 11:12	MJH	EPA 200.8
Calcium	117	mg/l		0.01	11/18/2008 10:16	KWR	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.002	11/14/2008 11:12	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Iron	40	mg/l		0.05	11/18/2008 10:16	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Magnesium	33	mg/l		0.01	11/18/2008 10:16	KWR	EPA 200.7
Manganese ICPMS	0.657	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	12/02/2008 13:39	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Potassium	9.5	mg/l		0.5	11/14/2008 12:34	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	11/14/2008 11:12	MJH	EPA 200.8
Sodium	22	mg/l		0.05	11/18/2008 10:16	KWR	EPA 200.7
Zinc	< RDL	mg/l		0.02	11/14/2008 12:34	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46719	Blue Ridge Paper Co. MW-12 grab, collected on 11/13/2008 at 09:40

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		

ample Number	Sample Description, Date and Time Collected
C46719	Blue Ridge Paper Co. MW-12 grab, collected on 11/13/2008 at 09:40

arameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.							
Depth to water	11.93	feet			11/10/2008 16:13	BCS	
Monitoring well sampling 2 inch well	Completed				11/13/2008 09:40	BCS	
pH (Field)	5.8	pH units		0.1	11/12/2008 15:39	BCS	SM 4500HB
Specific Conductance at 25 C (Field)	228	umhos/cm		10	11/12/2008 15:39	BCS	SM 2510B
Temperature (Field)	13.6	degrees C		0.1	11/12/2008 15:39	BCS	SM 2550B
Turbidity (Field)	18	NTU		1.0	11/13/2008 09:40	BCS	Field Screen
Nitrate-Nitrite as N	1.3	mg/l		0.20	12/08/2008 11:59	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	11/14/2008 07:30	WLD	SM 4500NO2B
Total Dissolved Solids	156	mg/l		25	11/19/2008 15:10	JRS	SM 2540C
Total Organic Carbon	0.81	mg/l		0.5	11/22/2008 05:35	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	11/20/2008 08:00	WLD	EPA 420.1
Chloride	8.5	mg/L		2.0	12/05/2008 05:35	LBW	EPA 300.0
Fluoride	< RDL	mg/l		0.1	12/05/2008 05:35	LBW	EPA 300.0
Sulfate	49	mg/l		2.0	12/04/2008 23:59	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Barium	0.03	mg/l		0.01	11/14/2008 12:34	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/14/2008 11:12	MJH	EPA 200.8
Calcium	15	mg/l		0.01	11/18/2008 10:16	KWR	EPA 200.7
Chromium ICPMS	< RDL	mg/l		0.002	11/14/2008 11:12	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Iron	0.11	mg/l		0.05	11/14/2008 12:34	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Magnesium	9.8	mg/l		0.01	11/18/2008 10:16	KWR	EPA 200.7
Manganese ICPMS	0.008	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	12/02/2008 13:46	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Potassium	3.1	mg/l		0.5	11/14/2008 12:34	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	11/14/2008 11:12	MJH	EPA 200.8
Sodium	12	mg/l		0.05	11/18/2008 10:16	KWR	EPA 200.7
Zinc	< RDL	mg/l		0.02	11/14/2008 12:34	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46720	Blue Ridge Paper Co. MW-4 grab, collected on 11/13/2008 at 09:55

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		
Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.							

Sample Number	Sample Description, Date and Time Collected
AC46720	Blue Ridge Paper Co. MW-4 grab, collected on 11/13/2008 at 09:55

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Depth to water	62.23	feet			11/10/2008 16:00	BCS	
Monitoring well sampling 2 inch well	Completed				11/13/2008 09:55	BCS	
pH (Field)	6.4	pH units		0.1	11/12/2008 16:12	BCS	SM 4500HB
Specific Conductance at 25 C (Field)	1151	umhos/cm		10	11/12/2008 16:12	BCS	SM 2510B
Temperature (Field)	14.3	degrees C		0.1	11/12/2008 16:12	BCS	SM 2550B
Turbidity (Field)	18	NTU		1.0	11/13/2008 09:55	BCS	Field Screen
Nitrate-Nitrite as N	< RDL	mg/l		0.20	12/08/2008 12:09	MEA	SM 4500NO3H
Nitrite as N	< RDL	mg/l		0.01	11/14/2008 07:30	WLD	SM 4500NO2B
Total Dissolved Solids	788	mg/l		25	11/17/2008 14:40	JRS	SM 2540C
Total Organic Carbon	13	mg/l		0.5	11/22/2008 07:01	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l		0.005	11/20/2008 08:00	WLD	EPA 420.1
Chloride	76	mg/L		2.0	12/05/2008 00:27	LBW	EPA 300.0
Fluoride	< RDL	mg/l	X	0.5	12/05/2008 07:55	LBW	EPA 300.0
Sulfate	249	mg/l		2.0	12/05/2008 00:27	LBW	EPA 300.0
Arsenic ICPMS	< RDL	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Barium	0.03	mg/l		0.01	11/14/2008 12:34	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l		0.001	11/14/2008 11:12	MJH	EPA 200.8
Calcium	20	mg/l		0.01	11/18/2008 10:16	KWR	EPA 200.7
Chromium ICPMS	0.004	mg/l		0.002	11/14/2008 11:12	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Iron	67	mg/l		0.05	11/18/2008 10:16	KWR	EPA 200.7
Lead ICPMS	< RDL	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Magnesium	17	mg/l		0.01	11/18/2008 10:16	KWR	EPA 200.7
Manganese ICPMS	1.25	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Mercury	< RDL	mg/l		0.0002	12/02/2008 13:49	LBW	EPA 245.1
Nickel ICPMS	< RDL	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Potassium	8.7	mg/l		0.5	11/14/2008 12:34	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l		0.005	11/14/2008 11:12	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l		0.002	11/14/2008 11:12	MJH	EPA 200.8
Sodium	160	mg/l		0.05	11/18/2008 10:16	KWR	EPA 200.7
Zinc	< RDL	mg/l		0.02	11/14/2008 12:34	KWR	EPA 200.7

Sample Number	Sample Description, Date and Time Collected
AC46721	Blue Ridge Paper Co. MW-2 grab, collected on 11/13/2008 at 10:10

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
Subcontracted Sample Analysis	Completed				12/29/2008 00:00		

Analysis comment for Subcontracted Sample Analysis: See enclosed subcontract report which includes a total of 20 pages for TOX from Test America.

Depth to water	4.87	feet			11/10/2008 17:42	BCS	
Monitoring well sampling 2 inch well	Completed				11/13/2008 10:10	BCS	

Sample Number	Sample Description, Date and Time Collected
\C46721	Blue Ridge Paper Co. MW-2 grab, collected on 11/13/2008 at 10:10

Parameter	Result	Unit	Flag	RDL	Date/Time	Analyst	Method
pH (Field)	9.9	pH units		0.1	11/12/2008 16:24	BCS	SM 4500HB
Specific Conductance at 25 C (Field)	7330	umhos/cm		10	11/12/2008 16:24	BCS	SM 2510B
Temperature (Field)	13.8	degrees C		0.1	11/12/2008 16:24	BCS	SM 2550B
Turbidity (Field)	24	NTU		1.0	11/13/2008 10:10	BCS	Field Screen
Nitrate-Nitrite as N	< RDL	mg/l	X	0.5	12/08/2008 15:05	MEA	SM 4500NO3H
Analysis comment for Nitrate-Nitrite as N: Analyzed out of holding time. Analysis requested after holding time had expired.							
Nitrite as N	< RDL	mg/l	X	0.02	11/14/2008 07:30	WLD	SM 4500NO2B
Total Dissolved Solids	5570	mg/l		25	11/17/2008 14:40	JRS	SM 2540C
Total Organic Carbon	170	mg/l		0.5	11/26/2008 22:13	JRS	SM 5310C
Total Recoverable Phenols	< RDL	mg/l	X	0.01	12/02/2008 08:00	WLD	EPA 420.1
Chloride	152	mg/L		2.0	12/04/2008 17:55	LBW	EPA 300.0
Fluoride	5.4	mg/l		1.0	12/04/2008 17:55	LBW	EPA 300.0
Sulfate	262	mg/l		2.0	12/09/2008 13:45	LBW	EPA 300.0
Arsenic ICPMS	0.026	mg/l		0.005	11/17/2008 16:13	MJH	EPA 200.8
Barium	< RDL	mg/l	X	0.04	11/18/2008 10:16	KWR	EPA 200.7
Cadmium ICPMS	< RDL	mg/l	X	0.005	11/17/2008 16:13	MJH	EPA 200.8
Calcium	3.1	mg/l		0.01	11/14/2008 12:34	KWR	EPA 200.7
Chromium ICPMS	0.010	mg/l		0.002	11/17/2008 16:13	MJH	EPA 200.8
Copper ICPMS	< RDL	mg/l	X	0.01	11/17/2008 16:13	MJH	EPA 200.8
Iron	1.4	mg/l		0.05	11/14/2008 12:34	KWR	EPA 200.7
Lead ICPMS	0.006	mg/l		0.002	11/17/2008 16:13	MJH	EPA 200.8
Magnesium	< RDL	mg/l	X	0.2	11/18/2008 10:16	KWR	EPA 200.7
Manganese ICPMS	0.025	mg/l		0.005	11/17/2008 16:13	MJH	EPA 200.8
Mercury	< RDL	mg/l	X	0.0008	12/02/2008 13:51	LBW	EPA 245.1
Nickel ICPMS	0.109	mg/l		0.005	11/17/2008 16:13	MJH	EPA 200.8
Potassium	58	mg/l		0.5	11/14/2008 12:34	KWR	EPA 200.7
Selenium ICPMS	< RDL	mg/l	X	0.01	11/17/2008 16:13	MJH	EPA 200.8
Silver ICPMS	< RDL	mg/l	X	0.01	11/17/2008 16:13	MJH	EPA 200.8
Sodium	1720	mg/l		0.05	11/18/2008 10:16	KWR	EPA 200.7
Zinc	< RDL	mg/l	X	0.04	11/18/2008 10:16	KWR	EPA 200.7

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

December 29, 2008 10:41:22AM

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

Work Order: NRK1899
Project Name: TOX, NC
Project Nbr: [none]
P/O Nbr:
Date Received: 11/19/08

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
AC46356 MW-14	NRK1899-01	11/10/08 12:23
AC46357-R3 MW-17	NRK1899-02	11/10/08 13:37
AC46363 MW-15	NRK1899-03	11/10/08 14:44
AC46364-R3 MW-20	NRK1899-04	11/10/08 16:18
AC46365-R3 Pigeon R Down	NRK1899-05	11/10/08 10:45
AC46366-R3 BB-Up	NRK1899-06	11/10/08 11:20
AC46367-R3 BB-Down	NRK1899-07	11/10/08 12:00
AC46368-R3 BB-3	NRK1899-08	11/10/08 13:55
AC46369-R3 BB-4	NRK1899-09	11/10/08 14:15
AC46370-R3 Pigeon R Up	NRK1899-10	11/10/08 14:30
AC46371-R3 Underflow Drain	NRK1899-11	11/10/08 14:55
AC46372-R3 Landfill Leachate	NRK1899-12	11/10/08 15:25
AC46522 MW-13	NRK1899-13	11/11/08 09:35
AC46528 MW-16D	NRK1899-14	11/11/08 11:58
AC46534 MW-16S	NRK1899-15	11/11/08 13:52
AC46535-R3 MW-10	NRK1899-16	11/11/08 15:08
AC46541 MW-18	NRK1899-17	11/11/08 17:29
AC46542-R3 MW-9	NRK1899-18	11/12/08 08:58
AC46543-R3 MW-1A	NRK1899-19	11/12/08 09:14
AC46544-R3 MW-11	NRK1899-20	11/12/08 09:30
AC46545-R3 MW-8	NRK1899-21	11/12/08 10:04
AC46546-R3 MW-5A	NRK1899-22	11/12/08 10:22
AC46547-R3 MW-6	NRK1899-23	11/12/08 10:40
AC46548-R3 MW-7A	NRK1899-24	11/12/08 10:56
AC46554 MW-21	NRK1899-25	11/12/08 10:36
AC46718-R3 MW-3A	NRK1899-26	11/13/08 09:25

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

Client	Rogers & Callcott Engineers, Inc. (13572)	Work Order:	NRK1899
	P.O. Box 5655	Project Name:	TOX, NC
	Greenville, SC 29606	Project Number:	[none]
Attn	Susan Gunter	Received:	11/19/08 08:30

AC46719-R3 MW-12	NRK1899-27	11/13/08 09:40
AC46720-R3 MW-4	NRK1899-28	11/13/08 09:55
AC46721-R3 MW-2	NRK1899-29	11/13/08 10:10
AC46727 CP-UP	NRK1899-30	11/12/08 14:37
AC46733 CP-Down	NRK1899-31	11/12/08 17:17

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.

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Additional Laboratory Comments: **Revised Report 12/29/08**

Added TOX QC for batch 8120418. Replaces report dated 12/19/08 at 13:31.

The Chain(s) of Custody, 8 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:

Roxanne L. Connor

Roxanne Connor

Program Manager - Conventional Accounts

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:	NRK1899
	P.O. Box 5655	Project Name:	TOX, NC
	Greenville, SC 29606	Project Number:	[none]
Attn	Susan Gunter	Received:	11/19/08 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK1899-01 (AC46356 MW-14 - Water) Sampled: 11/10/08 12:23								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	12/01/08 07:50	SW846 9020B	8113451
Sample ID: NRK1899-02 (AC46357-R3 MW-17 - Water) Sampled: 11/10/08 13:37								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	12/01/08 07:50	SW846 9020B	8113451
Sample ID: NRK1899-03 (AC46363 MW-15 - Water) Sampled: 11/10/08 14:44								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	12/01/08 07:50	SW846 9020B	8113451
Sample ID: NRK1899-04 (AC46364-R3 MW-20 - Water) Sampled: 11/10/08 16:18								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	12/01/08 07:50	SW846 9020B	8113451
Sample ID: NRK1899-05 (AC46365-R3 Pigeon R Down - Water) Sampled: 11/10/08 10:45								
General Chemistry Parameters								
Total Organic Halides	**0.477**		mg/L	0.0300	1	12/01/08 07:50	SW846 9020B	8113451
Sample ID: NRK1899-06 (AC46366-R3 BB-Up - Water) Sampled: 11/10/08 11:20								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	12/01/08 07:50	SW846 9020B	8113451
Sample ID: NRK1899-07 (AC46367-R3 BB-Down - Water) Sampled: 11/10/08 12:00								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	12/01/08 07:50	SW846 9020B	8113451
Sample ID: NRK1899-08 (AC46368-R3 BB-3 - Water) Sampled: 11/10/08 13:55								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	12/01/08 07:50	SW846 9020B	8113451
Sample ID: NRK1899-09 (AC46369-R3 BB-4 - Water) Sampled: 11/10/08 14:15								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	12/01/08 07:50	SW846 9020B	8113451
Sample ID: NRK1899-10 (AC46370-R3 Pigeon R Up - Water) Sampled: 11/10/08 14:30								
General Chemistry Parameters								
Total Organic Halides	**0.495**		mg/L	0.0300	1	12/01/08 07:50	SW846 9020B	8113451
Sample ID: NRK1899-11 (AC46371-R3 Underflow Drain - Water) Sampled: 11/10/08 14:55								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	12/01/08 07:50	SW846 9020B	8113451
Sample ID: NRK1899-12 (AC46372-R3 Landfill Leachate - Water) Sampled: 11/10/08 15:25								

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:	NRK1899
	P.O. Box 5655	Project Name:	TOX, NC
	Greenville, SC 29606	Project Number:	[none]
Attn	Susan Gunter	Received:	11/19/08 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK1899-12 (AC46372-R3 Landfill Leachate - Water) - cont. Sampled: 11/10/08 15:25								
General Chemistry Parameters								
Total Organic Halides	**0.443**		mg/L	0.0600	1	12/01/08 07:50	SW846 9020B	8113451
Sample ID: NRK1899-13 (AC46522 MW-13 - Water) Sampled: 11/11/08 09:35								
General Chemistry Parameters								
Total Organic Halides	**0.0836**		mg/L	0.0300	1	12/09/08 07:04	SW846 9020B	8120418
Sample ID: NRK1899-14 (AC46528 MW-16D - Water) Sampled: 11/11/08 11:58								
General Chemistry Parameters								
Total Organic Halides	**0.141**		mg/L	0.0300	1	12/09/08 07:04	SW846 9020B	8120418
Sample ID: NRK1899-15 (AC46534 MW-16S - Water) Sampled: 11/11/08 13:52								
General Chemistry Parameters								
Total Organic Halides	**0.435**		mg/L	0.0300	1	12/09/08 07:04	SW846 9020B	8120418
Sample ID: NRK1899-16 (AC46535-R3 MW-10 - Water) Sampled: 11/11/08 15:08								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	12/09/08 07:04	SW846 9020B	8120418
Sample ID: NRK1899-17 (AC46541 MW-18 - Water) Sampled: 11/11/08 17:29								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	12/09/08 07:04	SW846 9020B	8120418
Sample ID: NRK1899-18 (AC46542-R3 MW-9 - Water) Sampled: 11/12/08 08:58								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	12/09/08 07:04	SW846 9020B	8120418
Sample ID: NRK1899-19 (AC46543-R3 MW-1A - Water) Sampled: 11/12/08 09:14								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	12/09/08 07:04	SW846 9020B	8120418
Sample ID: NRK1899-20 (AC46544-R3 MW-11 - Water) Sampled: 11/12/08 09:30								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	12/09/08 07:04	SW846 9020B	8120418
Sample ID: NRK1899-21 (AC46545-R3 MW-8 - Water) Sampled: 11/12/08 10:04								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	12/09/08 07:04	SW846 9020B	8120418
Sample ID: NRK1899-22 (AC46546-R3 MW-5A - Water) Sampled: 11/12/08 10:22								
General Chemistry Parameters								
Total Organic Halides	**0.0789**		mg/L	0.0300	1	12/09/08 07:04	SW846 9020B	8120418
Sample ID: NRK1899-23 (AC46547-R3 MW-6 - Water) Sampled: 11/12/08 10:40								

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Client	Rogers & Callcott Engineers, Inc. (13572)	Work Order:	NRK1899
	P.O. Box 5655	Project Name:	TOX, NC
	Greenville, SC 29606	Project Number:	[none]
Attn	Susan Gunter	Received:	11/19/08 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK1899-23 (AC46547-R3 MW-6 - Water) - cont. Sampled: 11/12/08 10:40								
General Chemistry Parameters								
Total Organic Halides	**0.218**		mg/L	0.0300	1	12/09/08 07:04	SW846 9020B	8120418
Sample ID: NRK1899-24 (AC46548-R3 MW-7A - Water) Sampled: 11/12/08 10:56								
General Chemistry Parameters								
Total Organic Halides	**0.134**		mg/L	0.0300	1	12/09/08 07:04	SW846 9020B	8120418
Sample ID: NRK1899-25 (AC46554 MW-21 - Water) Sampled: 11/12/08 10:36								
General Chemistry Parameters								
Total Organic Halides	**0.159**		mg/L	0.0300	1	12/09/08 07:04	SW846 9020B	8120418
Sample ID: NRK1899-26 (AC46718-R3 MW-3A - Water) Sampled: 11/13/08 09:25								
General Chemistry Parameters								
Total Organic Halides	**0.155**		mg/L	0.0300	1	12/09/08 07:04	SW846 9020B	8120418
Sample ID: NRK1899-27 (AC46719-R3 MW-12 - Water) Sampled: 11/13/08 09:40								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	12/09/08 07:04	SW846 9020B	8120418
Sample ID: NRK1899-28 (AC46720-R3 MW-4 - Water) Sampled: 11/13/08 09:55								
General Chemistry Parameters								
Total Organic Halides	**0.107**		mg/L	0.0300	1	12/09/08 07:04	SW846 9020B	8120418
Sample ID: NRK1899-29 (AC46721-R3 MW-2 - Water) Sampled: 11/13/08 10:10								
General Chemistry Parameters								
Total Organic Halides	**0.128**		mg/L	0.0300	1	12/09/08 07:04	SW846 9020B	8120418
Sample ID: NRK1899-30 (AC46727 CP-UP - Water) Sampled: 11/12/08 14:37								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	12/09/08 07:04	SW846 9020B	8120418
Sample ID: NRK1899-31 (AC46733 CP-Down - Water) Sampled: 11/12/08 17:17								
General Chemistry Parameters								
Total Organic Halides	<0.0300		mg/L	0.0300	1	12/09/08 07:04	SW846 9020B	8120418

ROGERS & CALLCOTT
LABORATORY SERVICES

P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address: 426 Fairforest Way
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.	YRSD Date	Time	Sample Description	Total Number of Containers	PARAMETERS: TOX	Comments
AC 46721-B3	11/13	1010	MW-2	1	1	NC Samples 1044 24
46727	11/12	1437	CP-Up	1	1	30
46733	↓	1717	CP-Down	1	1	31

Filtered (Yes/No)	N										
Cooled (Yes/No)	Y										
Container Type (P/G)	G										
Container Volume	Qual										
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										

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.)	Date/Time	Received by (Sig.) / Shipper Name & #	Date/Time
① [signature]	11/19/08	② FedEx	
Relinquished by (Sig.) ③ FedEx		Received by (Sig.) ④ / Shipper Name & #	
Relinquished by (Sig.) ⑤		Received by (Sig.) ⑥ [signature] / Shipper Name & #	11-19-08 0830

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

R/C COC FORM

Form Revised July 2008

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:	NRK1899
	P.O. Box 5655	Project Name:	TOX, NC
	Greenville, SC 29606	Project Number:	[none]
Attn	Susan Gunter	Received:	11/19/08 08:30

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
8113451-BLK1						
Total Organic Halides	<0.0270		mg/L	8113451	8113451-BLK1	12/01/08 07:50
8120418-BLK1						
Total Organic Halides	<0.0270		mg/L	8120418	8120418-BLK1	12/09/08 07:04

TestAmerica
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Client	Rogers & Callcott Engineers, Inc. (13572)	Work Order:	NRK1899
	P.O. Box 5655	Project Name:	TOX, NC
	Greenville, SC 29606	Project Number:	[none]
Attn	Susan Gunter	Received:	11/19/08 08:30

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters									
8113451-DUP1									
Total Organic Halides	ND	ND		mg/L		50	8113451	NRK1899-07	12/01/08 07:50
8113451-DUP2									
Total Organic Halides	0.107	0.106		mg/L	2	50	8113451	NRK1159-03	12/01/08 07:50
8120418-DUP1									
Total Organic Halides	0.218	0.226		mg/L	4	50	8120418	NRK1899-23	12/09/08 07:04
8120418-DUP2									
Total Organic Halides	0.155	0.167		mg/L	7	50	8120418	NRK1899-26	12/09/08 07:04

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
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Client	Rogers & Callcott Engineers, Inc. (13572)	Work Order:	NRK1899
	P.O. Box 5655	Project Name:	TOX, NC
	Greenville, SC 29606	Project Number:	[none]
Attn	Susan Gunter	Received:	11/19/08 08:30

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
8113451-BS1								
Total Organic Halides	0.250	0.255		mg/L	102%	90 - 130	8113451	12/01/08 07:50
8120418-BS1								
Total Organic Halides	0.250	0.275		mg/L	110%	90 - 130	8120418	12/09/08 07:04

TestAmerica
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Client	Rogers & Callcott Engineers, Inc. (13572)	Work Order:	NRK1899
	P.O. Box 5655	Project Name:	TOX, NC
	Greenville, SC 29606	Project Number:	[none]
Attn	Susan Gunter	Received:	11/19/08 08:30

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										
8113451-MS1										
Total Organic Halides	0.154	0.143	M2	mg/L	0.100	-11%	74 - 131	8113451	NRK0967-01	12/01/08 07:50
8i 204i 8-MS1										
Total Organic Halides	0.0836	0.315		mg/L	0.250	92%	74 - 131	8120418	NRK1899-13	12/09/08 07:04

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
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Client	Rogers & Callcott Engineers, Inc. (13572)	Work Order:	NRK1899
	P.O. Box 5655	Project Name:	TOX, NC
	Greenville, SC 29606	Project Number:	[none]
Attn	Susan Gunter	Received:	11/19/08 08:30

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												
8i i 345i -MSD1												
Total Organic Halides	0.154	0.165	M2	mg/L	0.100	11%	74 - 131	14	50	8113451	NRK0967-01	12/01/08 07:50
8i 204i 8-MSD1												
Total Organic Halides	0.0836	0.333		mg/L	0.250	100%	74 - 131	6	50	8120418	NRK1899-13	12/09/08 07:04

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
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Client	Rogers & Callcott Engineers, Inc. (13572)	Work Order:	NRK1899
	P.O. Box 5655	Project Name:	TOX, NC
	Greenville, SC 29606	Project Number:	[none]
Attn	Susan Gunter	Received:	11/19/08 08:30

CERTIFICATION SUMMARY

TestAmerica Nashville

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
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Client	Rogers & Callcott Engineers, Inc. (13572)	Work Order:	NRK1899
	P.O. Box 5655	Project Name:	TOX, NC
	Greenville, SC 29606	Project Number:	[none]
Attn	Susan Gunter	Received:	11/19/08 08:30

DATA QUALIFIERS AND DEFINITIONS

M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).

ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

COOLER RECEI

NRK1899

Cooler Received/Opened On 11/19/08 @ 08:30

1. Tracking # 3290 (last 4 digits, FedEx)

Courier: ___FED-EX IR Gun ID___A01124

2. Temperature of rep. sample or temp blank when opened 0.9 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: 1-FRONT

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...# 51434

AC46372-23 - pH-7, AC46534 - pH-4

BIS = Broker in shipment

Cooler Receipt Form.doc

LF-1

End of Form

Revised 9/6/07

ROGERS & CALLCOTT
LABORATORY SERVICES
P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address: 426 Fairforest Way
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									COMMENTS:
			Filtered (Yes/No)			N								
			Cooled (Yes/No)			Y								
			Container Type (P/G)			G								
			Container Volume			(500ml)								
			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								
			A-None B-HNO3 C-H2SO4 D-NaOH E-HCL F-Na2S2O3 G-Boric Acid H-Ascorbic Acid I-			TCN								
AC 46368-R3	11/10	1355	BB-3	1		1								NC Samples 1899-08
46369-R3		1415	BB-4	1		1								09
46370-R3		1430	Pigeon R Up	1		1								10
46371-R3		1455	Underflow Drain	1		1								11
46372-R3		1525	Landfill Leachate	1		1								12
46522	11/11	0935	MW-13	1		1								13
46528	11/11	1158	MW-16D	1		1								14

SAMPLER Relinquished by (Sig.) ①	Date/Time 11/18/08	Received by (Sig.) ② Fedex Shipper Name & #	Date/Time	KNOWN HAZARDS ASSOCIATED WITH SAMPLES
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 11-14-08 11-20-08 0830	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 2008

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: 426 Fairforest Way
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: TOX	COMMENTS:
AC 46521	11/11	1352	MW-16S	1	1	NC Samples 1899-15
46535-R3	↓	1508	MW-10	1	1	16
46541	↓	1729	MW-18	1	1	17
46542-R3	11/12	0858	MW-9	1	1	18
46543-R3	↓	0914	MW-1A	1	1	19
46544-R3	↓	0930	MW-11	1	1	20
46545-R3	↓	1004	MW-8	1	1	21

Filtered (Yes/No)	N		
Cooled (Yes/No)	Y		
Container Type (P/G)	G		
Container Volume	40 ml		
Sample Type (Grab/Composite)	G		
Sample Source (WW, GW, DW, Other)	GW		
Sample Source Chlorinated (Yes/No)	N		
Lab Receipt Cl_2 Check			
Lab Receipt pH Check			
Preserved (Code)	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- ____

SAMPLER Relinquished by (Sig.) ①	Date/Time 11/13/08	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 11-14-08 1100

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 2008

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: 426 Fairforest Way
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 Date	Time	Sample Description	Total Number of Containers	PARAMETERS: TOX								COMMENTS:
Filtered (Yes/No)					N								
Cooled (Yes/No)					Y								
Container Type (P/G)					G								
Container Volume					500ml								
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	46546-R3	11/12	1022	MW-5A	1		1						NC Samples 1099-72
	46547-R3		1040	MW-6	1		1						73
	46548-R3		1056	MW-7A	1		1						74
	46554		1036	MW-21	1		1						75
	46718-R3	11/13	0925	MW-3A	1		1						76
	46719-R3		0940	MW-12	1		1						77
	46720-R3		0955	MW-4	1		1						78

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- ____

SAMPLER Relinquished by (Sig.) ①	Date/Time 11/18/00	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 11-19-00 0830

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 2008

R/C COC FORM

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On 11/19/2008 @ 0830

1. Tracking # 3304 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 96210146

2. Temperature of rep. sample or temp blank when opened: 0.4 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: 1 front

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) M

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...#_____

BIS = Broken in shipment

Cooler Receipt Form.doc

LF-1

End of Form

Revised 9/6/07

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On 11 / 19/ 08 @ 8:30

1. Tracking # 3289 (last 4 digits, FedEx)

Courier: FED-EX IR Gun ID 90942856

2. Temperature of rep. sample or temp blank when opened: 0.2 *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: front

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...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 9/6/07

ROGERS & CALLCOTT LABORATORY SERVICES

P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address: 426 Fairforest Way
Greenville, SC 29607

CHAIN OF CUSTODY RECORD

NRK1899
12/04/08 23:59

Client Name: Rogers & Callcott
Address:
Report To: Susan Gunter
Telephone No.: FAX No.:
PO No.: Project No.:

Rogers & Callcott	Yr 08 Date	Time	Sample Description	Total Number of Containers	PARAMETERS									COMMENTS:
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 46356	11/10	1223	MW-14	1		1								NC Samples NRK1899-01
46357-RB		1337	MW-17	1		1								02
46363		1444	MW-15	1		1								03
46364-RB		1618	MW-20	1		1								04
46365-RB	11/10	1045	Pigeon R Down	1		1								05
46366-RB		1120	BB-Up	1		1								06
46367-RB		1200	BB-Down	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- ____

SAMPLER Relinquished by (Sig.) ①	Date/Time 11/18/09	Received by (Sig.) ② 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 11-19-09 0830

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

R/C COC FORM

Form Revised July 2008

ROGERS & CALLCOTT
LABORATORY SERVICES
P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address: 426 Fairforest Way
Greenville, SC 29607

CHAIN OF CUSTODY RECORD

Client Name: BRPC

Address: Canton, NC

Report To:

Telephone No. FAX No.

PO No. Project No. 6-S 04-159

Filtered (Yes/No)	N							
Cooled (Yes/No)	Y							
Container Type (P/G)	P	P	P	P	G	P	G	
Container Volume	250	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	Neg	NA		MCA
Lab Receipt pH Check	≤2	≤2	≤2	≤2	≤2	NA		11-11-08
Preserved (Code)	I	C	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– Phosphoric

Rogers & Callcott Lab No.	Yr. 08 Date	Time	Sample Description	Total Number of Containers	TOC	NO3	Total Metals	H3	Phenol	Chloride, Fluoride, NH3, TDS, SO4	TOX	COMMENTS:
AC 46365	11-10	1045	Pigeon R. Down	7	1	1	1	1	1	1	1	
46366		1120	BB-UP	7	1	1	1	1	1	1	1	
46367		1200	BB-Down	7	1	1	1	1	1	1	1	
46368		1355	BB-3	7	1	1	1	1	1	1	1	
46369		1415	BB-4	7	1	1	1	1	1	1	1	
46370		1430	Pigeon R. UP	7	1	1	1	1	1	1	1	Field Data Collected

SAMPLER Relinquished by (Sig.)	Date/Time	Received by (Sig.)	Date/Time
① [signature]	11-10-08 1615	② [signature] Shipper Name & #	11-10-08 1615
Relinquished by (Sig.) ③ [signature]	11-10-08 18:35	Received by (Sig.) ④ secured area Shipper Name & #	
Relinquished by (Sig.) ⑤ secured area		Received by (Sig.) ⑥ [signature] Shipper Name & #	11/11/08 0800

KNOWN HAZARDS ASSOCIATED WITH SAMPLES

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt 4.4 °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: 426 Fairforest Way
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								
Cooled (Yes/No)	Y								
Container Type (P/G)	P	P	P	P	G	P	G		
Container Volume	250	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			mca 11-11-08
Lab Receipt pH Check	<2	<2	<2	<2	<2	NA			
Preserved (Code)	I	C	B	B	C	A	B		
PARAMETERS	TOC	NO3	Total Metals *	Hg	Phenol	Chloride, Fluoride, TDS, NO3, SO4	TOX		

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

Rogers & Callcott Lab No.	Yr. 08 Date	Time	Sample Description	Total Number of Containers	TOC	NO3	Total Metals *	Hg	Phenol	Chloride, Fluoride, TDS, NO3, SO4	TOX	COMMENTS
AG46371	11-10	1455	Under Flow Drain	7	1	1	1	1	1	1	1	* See page 1
46372		1525	Land Fill Leachate	7	1	1	1	1	1	1	1	
												Field Data Collected

SAMPLER Relinquished by (Sig.)	Date/Time	Received by (Sig.)	Date/Time
① [signature]	11-10-08 1615	② [signature] Shipper Name & #	11-10-08 16:15
Relinquished by (Sig.) ③ [signature]	11-10-08 1835	Received by (Sig.) ④ Secured area Shipper Name & #	Date/Time
Relinquished by (Sig.) ⑤ Secured area	Date/Time	Received by (Sig.) ⑥ [signature] Shipper Name & #	11/11/08 0800
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 4.4 °C

ROGERS & CALLCOTT
LABORATORY SERVICES
P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address: 426 Fairforest Way
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: COD	BOD	Total Phosphorus					
AC 36371	11-10	1455	Under-Flow Drain	2	1 (163)	1	2					** Reporting Phosphate
46372		1525	Land Fill Leachate	3	1 (163)	1	1	1-64				

Filtered (Yes/No)				N	N	N					
Cooled (Yes/No)				Y	Y	Y					
Container Type (P/G)				P	P	P					
Container Volume				250	1/2	500					
Sample Type (Grab/Composite)				G	G	G					
Sample Source (WW, GW, DW, Other)				GW	GW	GW					
Sample Source Chlorinated (Yes/No)				N	N	N					
Lab Receipt Cl2 Check				NA	NA	NA					
Lab Receipt pH Check				<2	NA	(✓)					
Preserved (Code)				C	A	C					

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.)	Date/Time	Received by (Sig.) / Shipper Name & #	Date/Time
① [signature]	11-10-08 1615	② Robert Meyer	11-10-08 1615
Relinquished by (Sig.) ③ Robert Meyer	11-10-08 1835	Received by (Sig.) ④ Secured area / Shipper Name & #	
Relinquished by (Sig.) ⑤ Secured area		Received by (Sig.) ⑥ [signature] / Shipper Name & #	11/11/08 0800

KNOWN HAZARDS ASSOCIATED WITH SAMPLES

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt 4.4 °C

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

Form Revised July 2008 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: 426 Fairforest Way
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)	250 mL	1 L	1/2 gal	500 mL	250 mL	500 mL				
Container Volume	P	G	P	P	P	G				
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_2 Check	NA	NA	NA	NA	NA	NA				
Lab Receipt pH Check	<2	<2	N/A	<2	<2	N/A				
Preserved (Code)										

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– ____

Rogers & Callcott Lab No.	Yr.08 Date	Time	Sample Description	Total Number of Containers	TOC	Phenols	NO_2, SO_4, Cl, Fluoride, TDS	Total Metals*	Hg	TOX	COMMENTS:
AC 46351	11-10	1201	MW-14	1	1						*As, Ba, Cd, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K,
46352	11-10	1202	MW-14	1		1					Se, Ag, Na, Zn, Cu
46353	11-10	1209	MW-14	1			1*				
46354	11-10	1220	MW-14	1				1			*NO_3
46355	11-10	1222	MW-14	1					1		
46356	11-10	1223	MW-14	1	X	X		X	X	X	Field data collected
46357	11-10	1337	MW-17	6	1	1*	1	1	1	1	

SAMPLER Relinquished by (Sig.)	Date/Time	Received by (Sig.)	Date/Time
① Brally Chal	11-10-08 1625	② Robert Meyer Shipper Name & #	11-10-08 1625
Relinquished by (Sig.) ③ Robert Meyer	11-10-08 18:35	Received by (Sig.) ④ secured area Shipper Name & #	Date/Time
Relinquished by (Sig.) ⑤ secured area	Date/Time	Received by (Sig.) ⑥ Shipper Name & #	11/11/08 0800
Seal # at'chd by ◯ Recvd. Intact by ◯		Seal # at'chd by ◯ Recvd. Intact by ◯	

KNOWN HAZARDS ASSOCIATED WITH SAMPLES
NO_3 added 12/4 per GYM

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt 4.4 °C

ROGERS & CALLCOTT
LABORATORY SERVICES
P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 Fax (864) 232-6140
Shipping Address: 426 Fairforest Way
Greenville, SC 29607

CHAIN OF CUSTODY RECORD

Client Name: BRPC

Address: Cuthers, 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	Phenols	NO_2, SO_4, NO_3, Cl-, Fluoride, TDS	Total Metals*	Hg	TOX		COMMENTS:
46358	11-10	1423	MW-15	1	1							*See page 1
46359	11-10	1425	MW-15	1		1						
46360	11-10	1430	MW-15	1			1					
46361	11-10	1439	MW-15	1				1				
46362	11-10	1442	MW-15	1					1			
46363	11-10	1444	MW-15	1	2	6		1	2	1	3	Field data collected
46364	11-10	1618	MW-20	6	1	1	1	1	1	1		

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	1 L	1/2 gal	500 mL	250 mL	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_2 Check	NA	NA	NA	NA	NA	NA
Lab Receipt pH Check	2	2	NA	2	2	NA

mcl 11-12-08

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

SAMPLER Relinquished by (Sig.)	Date/Time	Received by (Sig.)	Date/Time
① Bradley Bird	11-10-08 1615	② Robert Meyer Shipper Name & #	11-10-08 1625
③ Robert Meyer	11-10-08 18:35	④ Shipper Name & # (Secured area)	11/11/08 0800
⑤ Secured area		⑥ Shipper Name & #	11/11/08 0800

KNOWN HAZARDS ASSOCIATED WITH SAMPLES
NO_3 added 12/4 - per Gyn

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt 4.4 °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: 426 Fairforest Way
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	1 L	1/2 gal	500 mL	250 mL	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 Cl2 Check	NA	NA	NA	NA	NA	NA				
Lab Receipt pH Check	<2	<2	N	<2	<2	N				
Preserved (Code)	1	C	A	B	B	B				
PARAMETERS	TOC	Phenols, NO3	VOC, SO4 Cl- Fluoride, TDS	Total Metals*	Hg	TOX				

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

Rogers & Callcott Lab No.	Yr.08 Date	Time	Sample Description	Total Number of Containers	TOC	Phenols, NO3	VOC, SO4 Cl- Fluoride, TDS	Total Metals*	Hg	TOX		COMMENTS:
AC 46517	11-11	0913	MW-13	1	1							
46518	11-11	0914	MW-13	1		1						
46519	11-11	0920	MW-13	1			1					
46520	11-11	0930	MW-13	1				1				
46521	11-11	0933	MW-13	1					1			
46522	11-11	0935	MW-13	1						1		Field data collected & meter set
46523	11-11	1128	MW-16D	1	1							

SAMPLER Relinquished by (Sig.)	Date/Time	Received by (Sig.)	Date/Time
① Bradley C Bush	11-12-08 1130	② Robert May Shipper Name & #	11-12-08 1130
Relinquished by (Sig.) ③ Robert May	11-12-08 1435	Received by (Sig.) ④ Norma Salley Shipper Name & #	11-12-08 1435
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

NO3 added 12/4 per GYM

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt 1.6 °C

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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)	G	P	P	P	G	P		
Container Volume	1 L	1/2 gal	500 mL	250 mL	500 mL	250 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	NK	NK	NA	NK	NK	NK		mez 11-13-08
Lab Receipt pH Check	<2	N	<2	<2	N	<2		
Preserved (Code)	C	A	B	B	B	I		
PARAMETERS	Phenols, NO_3	NO_2, SO4 Cl⁻ Fluoride, TDS	Total Metals*	Hg	TOX	TOC		

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

	Rogers & Callcott Lab No.	Yr.08 Date	Time	Sample Description	Total Number of Containers	Phenols, NO_3	NO_2, SO4 Cl⁻ Fluoride, TDS	Total Metals*	Hg	TOX	TOC		COMMENTS:
AC	46524	11-11	1130	MW-16D	1	1							*See page 1
	46525	11-11	1139	MW-16D	1		1						
	46526	11-11	1153	MW-16D	1			1					
	46527	11-11	1156	MW-16D	1				1				
	46528	11-11	1158	MW-16D	1					1			
	46529	11-11	1327	MW-16S	1						1		Field data collected w/ note set 1
	46530	11-11	1329	MW-16S	1	1							

SAMPLER Relinquished by (Sig.)	Date/Time	Received by (Sig.) / Shipper Name & #	Date/Time
① Bradley Sel	11-12-08 1130	② Robert Mag	11-12-08 1130
Relinquished by (Sig.) ③ Robert Mag	11-12-08 1435	Received by (Sig.) ④ Norma Salley	11-12-08 1435
Relinquished by (Sig.) ⑤		Received by (Sig.) ⑥ Shipper Name & #	

KNOWN HAZARDS ASSOCIATED WITH SAMPLES

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt 1.6 °C

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

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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	NO2, SO4 Cl, Fluoride, TDS	Total Metals*	Hg	TOX	TOC	Phenols, NO3	
AC 46531	11-11	1335	MW-16S	1	1						
46532	11-11	1347	MW-16S	1		1					
46533	11-11	1350	MW-16S	1			1				
46534	11-11	1352	MW-16S	1							
46535	11-11	1508	MW-10	6	1	1	1	1	1	1	
46536	11-11	1706	MW-18	1					1		
46537	11-11	1707	MW-18	1						1	

Filtered (Yes/No)	N	N	N	N	N	N
Cooled (Yes/No)	Y	Y	Y	Y	Y	Y
Container Type (P/G)	P	P	P	~~P~~ G	P	G
Container Volume	1/2 gal	500 mL	250 mL	500 mL	250 mL	1 L
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 Cl2 Check	NA	NA	NA	NA	NA	NA
Lab Receipt pH Check	NA	<2	<2	NA	<2	<2
Preserved (Code)	A	B	B	B	I	C

BCS 11-11-08

Lab Receipt Cl2 Check: mcs 11-14-08

Preserved (Code): A–None, B–HNO3, C–H2SO4, D–NaOH, E–HCL, F–Na2S2O3, G–Boric Acid, H–Ascorbic Acid, I–~~Phosphor.~~ 2

PARAMETERS

COMMENTS:

* see page 1

Field data collected w/meter set 1

SAMPLER Relinquished by (Sig.)	Date/Time	Received by (Sig.)	Date/Time
① Brently C Sid	11-12-08 1130	② Robert Mayo Shipper Name & #	11-12-08 1130
Relinquished by (Sig.) ③ Robert Mayo	11-12-08 1435	Received by (Sig.) ④ Norma Salley Shipper Name & #	11-12-08 1435
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 12/4 per Gym

Temperature of blank or representative sample

At time of collection ____ °C

At time of lab receipt 1.6 °C

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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	P	P	G	P	G							
Container Volume	1/2 gal	500 mL	250 mL	500 mL	250 mL	1 L							
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_2 Check	NA	NA	NA	NA	NA	NA							
Lab Receipt pH Check	N	<2	<2	NA	<2	<2							
Preserved (Code)	A	B	B	B	I	C							
PARAMETERS	NO_2, SO_4, Cl-, Fluoride, TDS	Total Metals*	Cr_6	TOX	TOC	Phenols, NO_3							

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~~

	Rogers & Callcott Lab No.	Yr.08 Date	Time	Sample Description	Total Number of Containers	NO_2, SO_4, Cl-, Fluoride, TDS	Total Metals*	Cr_6	TOX	TOC	Phenols, NO_3		COMMENTS:
AC	46538	11-11	1714	MW-18	1	1							* See page 1
	46539	11-11	1724	MW-18	1		1						
	46540	11-11	1727	MW-18	1			1					
	46541	11-11	1729	MW-18	1				1				
	46542	11-12	0858	MW-9	6	1	1	1	1	1	1	6	
	46543	11-12	0914	MW-1A	6	1	1	1	1	1	1	6	Field data collected w/ meter set 1
	46544	11-12	0930	MW-11	6	1	1	1	1	1	1	6	

SAMPLER Relinquished by (Sig.)	Date/Time	Received by (Sig.)	Date/Time
① Bradley Lind	11-12-08 1130	② Robert Meyer Shipper Name & #	11-12-08 1130
Relinquished by (Sig.) ③ Robert Meyer	11-12-08 1435	Received by (Sig.) ④ Norma Salley Shipper Name & #	11-12-08 1435
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

NO_3 added 12/4 per GYM

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt 1.6 °C

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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	NO_3, SO_4, Cl, Florida, TDS	Phenols, NO_3	TOX	
	SDG 11/12/08										
AC 46546	11-12	1004	MW-8	6	1	1	1	1	1	1	*see page 1
46547	11-12	1022	MW-5A	6	1	1	1	1	1	1	
46548	11-12	1040	MW-6	6	1	1	1	1	1	1	
46549	11-12	1056	MW-7A	6	1	1	1	1	1	1	
											Field data collected w/ meter set 2

Filtered (Yes/No)	N	N	N	N	N	N	
Cooled (Yes/No)	Y	Y	Y	Y	Y	Y	
Container Type (P/G)	P	P	P	P	G	G	
Container Volume	250 mL	500 mL	250 mL	1/2 gal	1 L	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	mcs 11-14-08
Lab Receipt pH Check	<2	<2	<2	N	<2	N	
Preserved (Code)	1	B	B	A	C	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

COMMENTS:

SAMPLER Relinquished by (Sig.)	Date/Time	Received by (Sig.) Shipper Name & #	Date/Time
① [signature]	11-12-08 1130	② [signature]	11-12-08 1130
Relinquished by (Sig.) ③ [signature]	11-12-08 1435	Received by (Sig.) ④ Norma Salley Shipper Name & #	11-12-08 1435
Relinquished by (Sig.) ⑤		Received by (Sig.) ⑤ Shipper Name & #	

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

KNOWN HAZARDS ASSOCIATED WITH SAMPLES
NO_3 added 12/4 per Cym

Temperature of blank or representative sample
At time of collection ____ °C
At time of lab receipt 1.6 °C

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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	Phenols, TDS	NO2, SO4, NO3, Cl-, Florida, TDS	Total Metals	Hg	TOX		COMMENTS:
			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	1 L	1/2 gal	500 mL	250 mL	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)		~~GW~~ N	~~GW~~ N	N	N	N	N		
			Lab Receipt Cl, Check		~~NA~~ BCS 11-12-08	~~NA~~	NA	NA	NA	NA		mcs 11-14-08
			Lab Receipt pH Check		<2	<2	NA	<2	<2	NA		
			Preserved (Code)		1	C	A	B	B	B		A-None B-HNO3 C-H2SO4 D-NaOH E-HCL F-Na2S2O3 G-Boric Acid H-Ascorbic Acid I- phosphate
	8/11/12/08											
46549	11-12	10:07	MW-21	1	1							*see page 1
46550	11-12	1008	MW-21	1		1						
46551	11-12	1015	MW-21	1			1					
46552	11-12	1030	MW-21	1				1				
46553	11-12	1034	MW-21	1					1			
46554	11-12	1036	MW-21	1						1		Field data collected w/ meter set 1
8/11/12/08												

SAMPLER Relinquished by (Sig.)	Date/Time	Received by (Sig.)	Date/Time
① Bradley Elliott	11-12-08 1130	② Robert Mayer Shipper Name & #	11-12-08 1130
Relinquished by (Sig.) ③ Robert Mayer	11-12-08 1435	Received by (Sig.) ④ Norma Salley Shipper Name & #	11-12-08 1435
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

NO3 added 12/4 per GYM

Temperature of blank or representative sample

At time of collection ____ °C

At time of lab receipt 1.6 °C

BCS 11-13-08

PAGE 1 OF 1

ROGERS & CALLCOTT LABORATORY SERVICES

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CHAIN OF CUSTODY RECORD

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Address: Canton, NC

Report To:

Telephone No. FAX No.

PO No. Project No. GWS 04-159

Rogers & Callcott Lab No.	Yr08 Date	Time	Sample Description	Total Number of Containers	TOC	Total Metals*	Hg	NO2, SO4, Cl-, Fluoride, TDS	Phenols, NO3	TOX	
AC 46718	11-13	0925	MW-3A	6	1-P	1-N	1-A2	1	1-G	1-A3	*As, Ba, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni
46719	11-13	0940	MW-12	6	1-P	1-N	1-A2	1	1-G	1-A3	K, Se, Ag, Na, Zn
46720	11-13	0955	MW-4	6	1-P	1-N	1-A2	1	1-G	1-A3	
46721	11-13	1010	MW-2	6	1-P	1-N	1-A2	1	1-G	1-A3	①+② Not preserved
											Field data collected

Filtered (Yes/No)	N	N	N	N	N	N
Cooled (Yes/No)	Y	Y	Y	Y	Y	Y
Container Type (P/G)	P	P	P	P	G	G
Container Volume	250 mL	500 mL	250 mL	1/2 gal	1 L	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
Lab Receipt pH Check CEZ 11/17	① <2	<2	NA	②	N	
Preserved (Code)	1	B	B	A	C	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

COMMENTS:

SAMPLER Relinquished by (Sig.)	Date/Time	Received by (Sig.) / Shipper Name & #	Date/Time
① Brandy Clark	11-13-08 1245	② Norma Salley	11/13/08 1245
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

NO_3 added 12/4 per GYM

Temperature of blank or representative sample

At time of collection ____ °C

At time of lab receipt -0.2 °C NOT FROZEN

Form Revised July 2008

R/C COC FORM

GROUNDWATER LEVEL LOG

CLIENT: BRPC

MEASURING POINT: TOC

COMMENTS:

	DATE: SAMPLER:		5-20-08 JHF/ENA		11-10-08 BCS/RGM
WELL #	**TOTAL WELL DEPTH FT**	**1st QTR. WATER LEVEL**	**2nd QTR. WATER LEVEL**	**3rd QTR. WATER LEVEL**	**4th QTR. WATER LEVEL**
MW-14	35.18	@	28.71 @ 1758	@	30.85 @ 1032
MW-15	43.69	@	27.50 @ 1734 on 5-19-08	@	33.30 @ 1241
MW-13	36.70	@	19.94 @ 0959	@	21.19 @ 1518
MW-16D	111.08	@	62.10 @ 1317	@	~~21.19~~ 63.75 @ ~~1518~~ 1681
MW-16S	70.30	@	57.53 @ 1618	@	59.00 @ 1653
MW-18	112.44	@	74.96 @ 1813	@	75.96 @ 1647
MW-21	28.71	@	10.58 @ 1712	@	10.76 @ 1615
MW-17	65.53	@	47.45 @ 1810	@	47.97 @ 1037
MW-20	61.50	@	45.70 @ 1719	@	46.35 @ 1527
MW-10	74.38	@	38.58 @ 1750	@	40.55 @ 1728
MW-9	66.80	@	41.20 @ 1755 on 5-19-08	@	41.84 @ 1723
MW-1A	71.85	@	60.30 @ 1824 on 5-19-08	@	62.34 @ 1736
MW-11	21.65	@	11.94 @ 1043	@	15.13 @ 1730
MW-8	29.14	@	11.56 @ 1435	@	11.00 @ 1715
MW-12	29.02	@	11.51 @ 1640	@	11.93 @ 1613
MW-5A	44.33	@	37.05 @ 1741	@	37.46 @ 1710
MW-3A	20.35	@	7.39 @ 1714	@	8.41 @ 1617
MW-7A	26.33	@	10.61 @ 1729	@	11.33 @ 1700
MW-6	20.69	@	14.02 @ 1734	@	14.21 @ 1704
MW-4	83.83	@	61.14 @ 1721	@	62.23 @ 1600
MW-2	11.80	@	4.40 @ 1804	@	4.87 @ 1742
CP-Up	97.50	@	@	@	@
CP-Down	89.69	@	@	@	@
		@	@	@	@
		@	@	@	@

JHF 11-10-

CLIENT: BRPC **Date:** 11-10-08

CONDUCTIVITY METER CALIBRATION EPA METHOD 9050A

Meter Set 1

Time: 1028 Analyst: JHF

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

CELL CONSTANT: 4.82

08-08-21 Exp. 06-19-09 CONC. OF STD #1: 10.12 µmhos/cm AT 25 °C ACTUAL READING: 9.1 µmhos/cm AT 20.1 °C

08-08-23 Exp. 06-12-09 CONC. OF STD #2: 104.0 µmhos/cm AT 25 °C ACTUAL READING: 98.6 µmhos/cm AT 20.1 °C

08-08-26 Exp. 07-10-09 CONC. OF STD #3: 1005 µmhos/cm AT 25 °C ACTUAL READING: 951 µmhos/cm AT 20.2 °C

08-08-29 Exp. 04-09 Separate Source Standard #4 447 µmhos/cm AT 25 °C ACTUAL READING: 462.8 µmhos/cm AT 20.3 °C

Temperature Compensation for pH Probe: + 0.0 Temperature is recorded from Cond. Meter.

pH METER CALIBRATION EPA METHOD 9040B

Time: 1030 Analyst: JHF

METER MODEL: YSI pH100 SERIAL# JC00942 PROBE# YSI 605377 08F

	READING OF 7.0 BUFFER	READING OF 4.0 BUFFER	READING OF 10.0 BUFFER	Separate Source Standard	SLOPE
	7.06	4.02	10.06	4.00	101.8
CIN	08-05-37	08-05-36	08-05-38	08-04-25	

Temperature Compensation for pH Probe: - 0.2

Mid-day Reading of Calibration Standards: pH Buffer: 4.0 Actual Reading: 4.04

Conductivity Standard: 104.0 25°c Actual Reading: 99.3 Time: 1345

End of Day Reading of Calibration Standards: pH Buffer: 10.0 Actual Reading: 10.01

Conductivity Standard: 1005 25°c Actual Reading: 989 Time: 1550

Sample Meter Reading Duplicate (after 10 wells)

Well ID Land fill Leachate Conductivity 24180

pH 7.87 Temperature 21.7

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Well Number: Pidgeon Ro- Down ☐ Development ☑ Purging

Date: 11-10-08 Field Personnel: JHF

Site Name/Location: BAPC

Weather Conditions/~Temp: Sunny / 40S °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☐ 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 / Teflon
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/ Light/ 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
11-10	1045	-	-	-	-	7.02	11.3	1426	-	-	-	1	5.61	
		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: 1045

Comments: _____

Revised 7/3/08

Well Number: BB - UP ☐ Development ☐ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 11-10-08 Field Personnel: JAF

Site Name/Location: BRPL Weather Conditions/~Temp: Sunny / 40s °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☐ 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 / Teflon
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/ Light/ 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
11-10	1120	-	–	–	–	7.54	8.0	74.7	–	–	–	1	4.27	
		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: 1120

Comments: _____

Well Number: BB- Down ☐ Development ☐ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 11-10-08 Field Personnel: JHF

Site Name/Location: BAPC Weather Conditions/~Temp: Sunny / 40s °F

Method of Well Evacuation

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

☐ Continuous (Recovery Well)

☑ Surface with 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 / Teflon
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/ Light/ 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
11-10	1200	-	–	–	–	7.38	8.4	88.2	–	–	–	1	5.43	
		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= ~~none~~

Sample Collection Time: 1200

Comments: _____

Well Number: BB-3 ☐ Development ☐ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 11-10-08 Field Personnel: JHF

Site Name/Location: BAPC Weather Conditions/~Temp: Sunny 150s °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☐ 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 / Teflon
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/ Light/ 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
11-10	1355	-	—	—	—	7.53	10.3	113.0	—	—	—	1	2.89	
		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: 1355

Comments: _____

Revised 7/3/08

Well Number: BB-4 ☐ Development ☐ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 11-10-08 Field Personnel: JHF

Site Name/Location: BAPL Weather Conditions/~Temp: Sunny 150s °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☐ 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 / Teflon
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/ Light/ 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
11-10	1415	-	—	—	—	7.59	10.1	136.0	—	—	—	1	1.96	
		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: 1415

Comments: _____

Well Number: Pigeon R. UP ☐ Development ☐ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 11-10-08 Field Personnel: JHF

Site Name/Location: BRPC Weather Conditions/~Temp: Sunny 150 °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☐ 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 / Teflon
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/ Light/ 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
11-10	1430	-	—	—	—	8.04	16.6	1410	—	—	—	1	3.01	
		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: 1430

Comments:

Revised 7/3/08

Well Number: UnderFlow Drain ☐ Development ☐ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 11-10-08 Field Personnel: JHF

Site Name/Location: BRPC Weather Conditions/~Temp: Sunny 1 50s °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☐ 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 / Teflon
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/ Light/ 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
11-10	1455	-	—	—	—	8.00	18.6	84.1	—	—	—	1	2.11	
		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: 1455

Comments: _____

Well Number: Land Fill Leachate ☐ Development ☐ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 11-10-08 Field Personnel: JHF

Site Name/Location: BBPC Weather Conditions/~Temp: Sunny 1505 °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☐ 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 / Teflon
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/ Light/ 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
11-10	1525	-	—	—	—	7.87	21.7	24180	—	—	—	3	29.0	
		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 Tint Precipitate: none Fe^{+2} mg/L= —

Sample Collection Time: 1525

Comments:

Revised 7/3/08

CLIENT: BRPC **Date:** 11-10-08

CONDUCTIVITY METER CALIBRATION EPA METHOD 9050A

Meter Set 2

Time: 0730 Analyst: BCS

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

CELL CONSTANT: 5.00

08-08-21 Exp. 06-19-09 CONC. OF STD #1: 10.12 µmhos/cm AT 25 °C ACTUAL READING: 10.4 µmhos/cm AT 21.8 °C

08-08-23 Exp. 06-12-09 CONC. OF STD #2: 104.0 µmhos/cm AT 25 °C ACTUAL READING: 99.9 µmhos/cm AT 22.6 °C

08-08-26 Exp. 07-10-09 CONC. OF STD #3: 1005 µmhos/cm AT 25 °C ACTUAL READING: 963 µmhos/cm AT 22.2 °C

08-08-28 Exp. 04-09 Separate Source Standard #4 447 umhos/cm AT 25 °C ACTUAL READING: 472.9 µmhos/cm AT 21.7 °C

pH METER CALIBRATION EPA METHOD 9040B

Time: 0735 Analyst: BCS

METER MODEL: YSI pH100 SERIAL# JC01684 PROBE# YSI 605377 08A

	READING OF 7.00 BUFFER	READING OF 4.00 BUFFER	READING OF 10.00 BUFFER	Separate Source Standard (4.00)	SLOPE
	7.02	4.02	10.03	4.02	100.7
CIN	08-05-37	08-05-36	08-05-38	08-04-25	

Temperature Compensation for pH Probe: - 0.1 .

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

Conductivity Standard: 104.0 25°C Actual Reading: 102.4 Time:

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

Conductivity Standard: 1005 25°C Actual Reading: 970 Time:

Sample Meter Reading Duplicate (after 10 wells)

Well ID MW-20 Conductivity 82.8

pH 6.40 Temperature 14.2

Well Number: MW-14

☐ Development
☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 11-10-08 Field Personnel: BCS/RGM

Site Name/Location: BRPC

Weather Conditions/~Temp: Clear / 50's °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☑ 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): 30.85 @ 1022
Total Depth of Well (b): 35.18
Length of Water Column in Well (b-a): 4.33
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	/	5400 mL

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / Teflon
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/ Light/ 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
11-10	1128	-	180	-	-	5.73	13.0	138.6	-	-	-	1	30.7	
	1133	1	180	31.05	900	5.74	12.6	144.8	-	-	-	1	47.4	
	1138	2	180	31.13	1800	5.78	12.6	151.4	-	-	-	1	31.1	
	1143	3	180	31.14	2700	5.84	12.6	163.2	-	-	-	1	29.1	
	1148	4	180	31.14	3600	5.92	12.8	175.1	-	-	-	1	15.1	
	1153	5	180	31.09	4500	5.95	13.0	180.4	-	-	-	1	11.6	
	1158	6	180	31.05	5400	5.95	13.0	187.6	-	-	-	1	8.40	
		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-1201 Phenols-1202 Cl, Fluoride, TDS, NO_2, SO_4-1209 Total Metal-1220 Hg-1222 TOX-1223

Comments: Dropped pump in @ 1022 on 11-10-08

Revised 7/3/08

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Well Number: MW-17

☐ Development
☑ Purging

Date: 11-10-08 Field Personnel: BCS/RGM

Site Name/Location: BRPC

Page 1 of 5

Weather Conditions/~Temp: Clear 150's °F

Method of Well Evacuation

Pump	Bailer
☑ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☐ 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): 47.97 @1037
Total Depth of Well (b): 65.53
Length of Water Column in Well (b-a): 17.56
Well Casing Diameter (inches): 4
Depth to Immiscible Layer: -

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	11.5	
3 Casing Vol	34.5	BCS 11-10-08 ~~34.5~~ 39.0

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / Teflon
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/ Light/ None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate ~~(gal/min)~~(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
11-10	1053	-	1.5	-	-	5.76	13.1	28.0	-	-	-	1	7.45	
	1101	1	1.5	-	11.5	5.96	13.8	29.9	-	-	-	1	3.69	
	1109	2	1.5	-	23.0	6.00	13.5	28.8	-	-	-	1	4.11	
	1117	3	1.5	BCS 11-10-08 ~~Dry~~	34.5	6.04	14.0	38.1	-	-	-	1	4.08	
	1120	4	1.5	Dry	39.0	6.14	16.8	36.6	-	-	-	1	6.85	
	1337	5	-	-	Sample	6.11	14.4	24.2	-	-	-	1	3.86	
		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: 1337

Comments: Allowed to recharge

Revised 7/3/08

Well Number: MW-15

☐ Development
☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 11-10-08 Field Personnel: BCS

Site Name/Location: BRPC

Weather Conditions/~Temp: Clear 150's °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☑ 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): 33.30 @ 1241
Total Depth of Well (b): 43.69
Length of Water Column in Well (b-a): 10.39
Well Casing Diameter (inches): 2"
Depth to Immiscible Layer: -

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier		
3 Casing Vol		4750ml

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / Teflon
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/ Light/ None

Water Removal / Field Analysis Data

Date	Time	Increment	Removal Rate (gal/min)/(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
11-10	1355	-	190	-	-	6.08	15.0	50.6	-	-	-	1	130	
	1400	1	190	33.64	950	5.95	13.9	48.6	-	-	-	1	63.2	
	1405	2	190	33.72	1900	5.46	13.4	48.1	-	-	-	1	54.4	
	1410	3	190	33.75	2850	5.46	13.4	47.8	-	-	-	1	42.9	
	1415	4	190	33.80	3800	5.96	13.4	47.7	-	-	-	1	41.3	
	1420	5	190	33.81	4750	5.97	13.1	47.5	-	-	-	1	48.1	
		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-1423 Phenols-1425 Cl⁻, Fluoride, TDS, NO_2, SO_4-1430 Total Metals-1439 Hg-1442 TOX-1444

Comments: Dropped pump in @ 1245 on 11-10-08

Well Number: MW-20

☐ Development
☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 11-10-08 Field Personnel: BCS/RGM

Site Name/Location: BRPC

Page 4 of 5

Weather Conditions/~Temp: Clear 150's °F

Method of Well Evacuation

Pump	Bailer
☑ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☐ 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): 46.35 @1527
Total Depth of Well (b): 61.50
Length of Water Column in Well (b-a): 15.15
Well Casing Diameter (inches): 4"
Depth to Immiscible Layer: -

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	9.9	
3 Casing Vol	29.7	39.6

Circle One that Applies

Measuring Point: ~~TOC~~ / Ground Surface
Riser Material: ~~PVC~~ / Steel / Teflon
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~~/ Light/ 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
11-10	1547	-	1.5	-	-	6.29	14.1	64.0	-	-	-	1	32.4	
	1554	1	1.5	-	9.9	6.27	14.2	78.2	-	-	-	1	13.0	
	1601	2	1.5	-	19.8	6.39	13.9	80.8	-	-	-	1	4.13	
	1608	3	1.5	-	29.7	6.34	13.8	82.9	-	-	-	1	3.19	
	1615	4	1.5	-	39.6	6.40	14.2	82.8	-	-	-	1	7.50	
		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: 1618

Comments:

Revised 7/3/08

CLIENT: BBPC **Date:** 11-11-08

CONDUCTIVITY METER CALIBRATION EPA METHOD 9050A

Meter Set 2

Time: 0715 Analyst: SHF

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

CELL CONSTANT: 5.17

08-08-21 Exp. 06-19-09 CONC. OF STD #1: 10.12 µmhos/cm AT 25 °C ACTUAL READING: 10.5 µmhos/cm AT 18.9 °C

08-08-23 Exp. 06-12-09 CONC. OF STD #2: 104.0 µmhos/cm AT 25 °C ACTUAL READING: 102.7 µmhos/cm AT 24.9 °C

08-08-26 Exp. 07-10-09 CONC. OF STD #3: 1005 µmhos/cm AT 25 °C ACTUAL READING: 1004 µmhos/cm AT 21.4 °C

08-08-28 Exp. 04-09 Separate Source Standard #4 447 umhos/cm AT 25 °C ACTUAL READING: 488.6 µmhos/cm AT 18.9 °C

pH METER CALIBRATION EPA METHOD 9040B

Time: 0718 Analyst: SHF

METER MODEL: YSI pH100 SERIAL# JC01684 PROBE# YSI 605377 08A

	READING OF 7.00 BUFFER	READING OF 4.00 BUFFER	READING OF 10.00 BUFFER	Separate Source Standard (4.00)	SLOPE
	7.07	4.08	10.08	4.09	101.5
CIN	08-05-37	08-05-36	08-05-38	08-04-25	

Temperature Compensation for pH Probe: - 0.1 .

Mid-day Reading of Calibration Standards: pH Buffer: 4.0 Actual Reading: 4.01

Conductivity Standard: 104.0 25°C Actual Reading: 102.3 Time: 1305

End of Day Reading of Calibration Standards: pH Buffer: 7.0 Actual Reading: 7.05

Conductivity Standard: 1005 25°C Actual Reading: 1081 Time: 1800

Sample Meter Reading Duplicate (after 10 wells)

Well ID MW-18 Conductivity 2754

pH 6.70 Temperature 12.9

Well Number: MW-13

☐ Development
☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 11-10-08 Field Personnel: BCS/RGM 11-10-08 BCS/SHF 11-11-08

Site Name/Location: BRPC

Weather Conditions/~Temp: Clear 1 50's °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☑ 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): 21.19 @ 1518 on 11-10-08
Total Depth of Well (b): 36.70
Length of Water Column in Well (b-a): 15.51
Well Casing Diameter (inches): 2"
Depth to Immiscible Layer: -

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier		
3 Casing Vol		5250 ml

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / Teflon
Steel Protective Casing? ~~Yes~~ / No
Bollards? ~~Yes~~ / No
Flush Mount? Yes / ~~No~~
Well Locked? Yes / No
Well Pad Condition? ~~Okay~~ /
Well Integrity Satisfactory? Okay / Broken Lid
Vegetation: Overgrown/ ~~Moderate~~/ Light/ 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
11-11	0845	-	210	-	-	6.51	11.4	2338	-	-	-	1	63.4	
	0850	1	210	21.48	1050	6.73	12.0	2330	-	-	-	1	32.8	
	0855	2	210	21.71	2100	6.76	11.7	2321	-	-	-	1	39.3	
	0900	3	210	21.72	3150	6.78	11.6	2300	-	-	-	1	56.2	
	0905	4	210	21.73	4200	6.82	11.9	2314	-	-	-	1	54.9	
	0910	5	210	21.73	5250	6.82	11.8	2329	-	-	-	1	52.0	
		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-0913 Phenols-0914 Cl⁻, Florida, TDS, NO_2, SO_4-0920 Total Metals-0930 Hg-0933 TOX-0935

Comments: Dropped pump in well @ 1523 on 11-10-08

Well Number: MW-16D

☐ Development
☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Page 12 of 12 BCS 11-11-08

Date: 11-11-08 Field Personnel: JHF/BCS

Site Name/Location: BAPC

Weather Conditions/~Temp: Mostly Cloudy 1 40s °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☑ 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): 62.80 @ 1000
Total Depth of Well (b): 111.08
Length of Water Column in Well (b-a): 48.28
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	–	5700 ml

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / Teflon
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/ Light/ 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
11-11	1057	-	190	–	–	6.94	13.6	1616	–	–	–	1	56.8	
	1102	1	190	62.96	950	6.93	14.7	1707	–	–	–	1	43.2	
	1107	2	190	63.27	1900	6.92	14.7	1712	–	–	–	1	40.4	
	1112	3	190	63.62	2850	6.92	14.8	1716	–	–	–	1	25.9	
	1117	4	190	64.00	3800	6.91	14.7	1689	–	–	–	1	7.28	
	1122	5	190	64.30	4750	6.91	14.7	1700	–	–	–	1	7.60	
	1127	6	190	64.52	5700	6.88	14.3	1713	–	–	–	1	7.07	
		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 - 1128 Phenol - 1130 Chloride/Fluoride/TDS/NO_3/SO_4 - 1139 Total metals - 1153
Hg - 1156 - TOX - 1158

Comments: Dropped pump in well @ 1005

Revised 7/3/08

Well Number: MW-16S

☐ Development
☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Page 43 of 14 BCS 11/24/08

Date: 11-11-08 Field Personnel: BCS/JHF

Site Name/Location: BRPC

Weather Conditions/~Temp: Clear 150's °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☑ 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): 59.02 @ 1144
Total Depth of Well (b): 70.30
Length of Water Column in Well (b-a): 11.28
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 gal

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / Teflon
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/ Light/ 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
11-11	1310	-	190	-	-	6.64	15.9	3154	-	-	-	2	6.95	
	1315	1	190	59.24	950	6.55	15.1	4350	-	-	-	3	8.90	
	1320	2	190	59.38	1900	6.50	14.7	4277	-	-	-	3	8.31	
	1325	3	190	59.53	2850	6.53	14.4	4030	-	-	-	3	5.40	
		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 - 1327 Phenols - 1329 Cl⁻, Fluoride, TDS, NO₂, SO₄ - 1335 Total Metals - 1347 Hg - 1350 TOX - 1352

Comments: Dropped pump in well @ 1150

Revised 7/3/08

Well Number: MW-10

☐ Development
☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 11-11-08 Field Personnel: BCS/SHF

Site Name/Location: BRPC Weather Conditions/~Temp: Cloudy 1 50's °F

Method of Well Evacuation

Pump	Bailer
☑ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☐ 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): 40.54 @ 1430
Total Depth of Well (b): 74.38
Length of Water Column in Well (b-a): 33.84
Well Casing Diameter (inches): 2"
Depth to Immiscible Layer:

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	5.5	
3 Casing Vol	16.5	27.5

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / Teflon
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/ Light/ 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
11-11	1435	-	1.0	-	-	7.44	13.2	80.6	-	-	-	1	27.6	
	1441	1	1.0	-	5.5	7.34	12.9	42.4	-	-	-	1	28.0	
	1447	2	1.0	-	11.0	7.13	12.7	33.3	-	-	-	1	10.1	
	1453	3	1.0	-	16.5	6.92	12.6	33.1	-	-	-	1	13.0	
	1500	4	1.0	-	22.0	6.72	12.6	32.9	-	-	-	1	10.4	
	1506	5	1.0	-	27.5	6.57	12.6	33.3	-	-	-	1	8.74	
		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: 1508

Comments:

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Well Number: MW-9

☐ Development
☑ Purging

Date: 11-11-08

Field Personnel: BCS/~~REGM~~ SHF BCS 11-11-08

Site Name/Location: BPX

Page 62 of 142 BCS 11-12-08

Weather Conditions/~Temp: Overcast 140's °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☑ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☐ 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): 41.84 @1013
Total Depth of Well (b): 66.80
Length of Water Column in Well (b-a): 24.96
Well Casing Diameter (inches): 2"
Depth to Immiscible Layer: -

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	4.1	
3 Casing Vol	12.3	4.1

Circle One that Applies

Measuring Point: ~~TOC~~ / Ground Surface
Riser Material: ~~PVC~~ / Steel / Teflon
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~~/ Light/ 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
11-11	1017	-	-	-	-	6.10	12.7	69.1	-	-	-	1	19.7	
	1025	1	-	Dry	4.1	5.81	13.1	53.0	-	-	-	1	134	Dry
11-12	0858	2	-	-	Sample	4.54	13.2	58.2	-	-	-	1	17.1	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: 0858 on 11-12-08

Comments:

Revised 7/3/08

Well Number: MW-18 ☐ Development ☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 11-11-08 Field Personnel: BCS/SHF

Site Name/Location: BRPC Weather Conditions/~Temp: Cloudy 1 50's °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☑ 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): 76.00 @ 1413
Total Depth of Well (b): 112.44
Length of Water Column in Well (b-a): 36.44
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		5700 ml

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / Teflon
Steel Protective Casing? ~~Yes~~ / No
Bollards? ~~Yes~~ / No
Flush Mount? Yes / ~~No~~
Well Locked? ~~Yes~~ / No
Well Pad Condition? ~~Okay~~ /
Well Integrity Satisfactory? Okay / Broken Lid
Vegetation: Overgrown/ Moderate/ Light/ 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
11-11	1634	-	190	-	-	6.71	12.5	2053	-	-	-	2	40.0	
	1639	1	190	76.23	950	6.60	12.9	3477	-	-	-	2	44.1	
	1644	2	190	76.27	1900	6.60	13.3	3445	-	-	-	2	29.8	
	1649	3	190	76.60	2850	6.61	13.3	3236	-	-	-	2	17.6	
	1654	4	190	76.82	3800	6.64	13.1	2870	-	-	-	2	15.3	
	1659	5	190	76.64	4750	6.67	13.0	2874	-	-	-	2	15.8	
	1704	6	190	76.65	5700	6.70	12.9	2754	-	-	-	2	8.01	
		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-1706 Phenols-1707 Cl, Florida, TDS, NO_2, SO_4-1714 Total Metals-1724 Hg-1727 TOX-1729

Comments:

Revised 7/3/08

Well Number: MW-1A

☐ Development
☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 11-11-08 Field Personnel: BCS/SHF

Site Name/Location: BRPC

Weather Conditions/~Temp: Overcast 1 40's °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☑ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☐ 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): 62.33 @ 1033
Total Depth of Well (b): 71.85
Length of Water Column in Well (b-a): 9.52
Well Casing Diameter (inches): 2"
Depth to Immiscible Layer: -

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	1.6	
3 Casing Vol	4.8	4.8

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / Teflon
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/ Light/ 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
11-11	1036	-	-	-	-	6.26	12.4	421	-	-	-	1	>1000	
	1040	1	-	-	1.6	6.28	12.5	33.8	-	-	-	1	900	
	1042	2	-	-	3.2	6.29	12.6	34.6	-	-	-	1	>1000	
	1045	3	-	-	4.8	6.27	12.7	34.4	-	-	-	1	>1000	
11-12	0914	4	-	-	Sample	-	-	-	-	-	-	1	21.9	
		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: 0914 on 11-12-08

Comments: Allowed to recharge

Revised 7/3/08

Well Number: MW-11 ☐ Development ☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 11-11-08 Field Personnel: BCS/SHF

Site Name/Location: BRPC Weather Conditions/~Temp: Cloudy 150's °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☑ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☐ 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): 15.10 @ 1447
Total Depth of Well (b): 21.65
Length of Water Column in Well (b-a): 6.55
Well Casing Diameter (inches): 2"
Depth to Immiscible Layer: -

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

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / Teflon
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/ Light/ 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
11-11	1516	-	-	-	-	5.86	13.4	56.5	-	-	-	1	9.49	
	15:18	1	-	Dry	1.1	5.76	13.3	55.2	-	-	-	1	33.3	Dry
11-12	0930	2	-	-	Sample	5.36	13.2	56.7	-	-	-	1	14.3	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: 0930 on 11-12-08

Comments:

Well Number: MW-8 ☐ Development ☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: _____ Field Personnel: BCS/SHF

Site Name/Location: BRPC

Weather Conditions/~Temp: Cloudy 1 40's °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☑ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☐ 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): 10.94 @ 1529
Total Depth of Well (b): 29.14
Length of Water Column in Well (b-a): 18.20
Well Casing Diameter (inches): 2"
Depth to Immiscible Layer: -

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	3.0	
3 Casing Vol	9.0	4.25

Circle One that Applies

Measuring Point: ~~TOC~~ / Ground Surface
Riser Material: ~~PVC~~ / Steel / Teflon
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~~/ Light/ 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
11-11	1532	-	-	-	-	6.39	14.6	80.9	-	-	-	1	30.8	
	1535	1	-	-	3.0	6.38	14.9	80.5	-	-	-	1	127	
	1537	2	-	Dry	4.25	6.52	14.7	88.4	-	-	-	1	250	Dry
11-12	1004	3	-	-	Sample	6.09	15.2	69.8	-	-	-	1	3.02	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: 1004 on 11-12-08

Comments: _____

Revised 7/3/08

Well Number: MW-54

☐ Development
☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 11-11-08 Field Personnel: BCS/SHF

Site Name/Location: BRPC

Weather Conditions/~Temp: Cloudy 140's °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☑ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☐ 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): 37.44 @ 1553
Total Depth of Well (b): 44.33
Length of Water Column in Well (b-a): 6.89
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 / Teflon
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~~/ Light/ 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
11-11	1554	-	-	-	-	5.75	15.8	526.8	-	-	-	1	68.4	
	1555	1	-	Dry	1.1	5.75	16.2	535.0	-	-	-	1	304	Dry
11-12	1022	2	-	-	Sample	5.42	15.5	594.8	-	-	-	1	12.1	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: 1022 on 11-12-08

Comments:

Revised 7/3/08

Well Number: MW-6 ☐ Development ☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 11-11-08 Field Personnel: BCS/SHF

Site Name/Location: BRPC Weather Conditions/~Temp: Cloudy 150's °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☑ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☐ 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): 14.19 @ 1603
Total Depth of Well (b): 20.69
Length of Water Column in Well (b-a): 6.50
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 / Teflon
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~~ Light/ 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
11-11	1605	-	-	-	-	5.82	14.8	497.9	-	-	-	1	3.49	
	1606	1	-	Dry	1.1	5.85	14.9	464.0	-	-	-	1	212	Dry
11-12	1040	2	-	-	Sample	5.67	14.4	460.4	-	-	-	1	22.8	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: 1040 on 11-12-08

Comments:

Well Number: MW-7A

☐ Development
☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 11-11-08 Field Personnel: BCS/SHF

Site Name/Location: BEPC

Weather Conditions/~Temp: Cloudy 1 40's °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☑ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☐ 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): 11.33 @ 1614
Total Depth of Well (b): 26.33
Length of Water Column in Well (b-a): 15.00
Well Casing Diameter (inches): 2"
Depth to Immiscible Layer: -

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	2.4	
3 Casing Vol	7.2	2.9

Circle One that Applies

Measuring Point: ~~TOC~~ / Ground Surface
Riser Material: ~~PVC~~ / Steel / Teflon
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~~/ Light/ 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
11-11	1616	-	-	-	-	5.74	14.5	461.0	-	-	-	1	5.68	
	1620	1	-	-	2.4	5.74	14.4	480.7	-	-	-	1	71000	
	1621	2	-	Dry	2.9	5.76	14.7	482.8	-	-	-	1	71000	Dry
11-12	1056	3	-	-	Sample	5.54	14.8	440.9	-	-	-	1	21.8	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: 1056 @ on 11-12-08
BCS 11-12-08

Comments:

Well Number: MW-21 ☐ Development ☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 11-12-08 Field Personnel: JHF/BLS

Site Name/Location: BAPL Weather Conditions/~Temp: Cloudy / 40s °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☐ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☑ 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): 10.75 @ 0833
Total Depth of Well (b): 28.71
Length of Water Column in Well (b-a): 17.96
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 ml

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / Teflon
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/ Light/ 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
11-12	0950	-	190	—	-	6.55	13.5	2114	—	—	—	1	10.1	
	0955	1	190	10.96	950	6.65	13.8	2146	—	—	—	1	8.98	
	1000	2	190	11.05	1900	6.70	14.1	2148	—	—	—	1	5.43	
	1005	3	190	11.12	2850	6.69	14.2	2131	—	—	—	1	4.22	
		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 - 1007 Phenol - 1008 Chloride/Fluoride/TDS/NO2/SO4 - 1015 Total Metals - 1030 Hg - 1034 TOX - 1036

Comments:

Revised 7/3/08

CLIENT: BRPC **Date:** 11-13-08

CONDUCTIVITY METER CALIBRATION EPA METHOD 9050A

Meter Set 2

Time: 0730 Analyst: BCS

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

CELL CONSTANT: 4.73

08-08-21 Exp. 06-19-09 CONC. OF STD #1: 10.12 µmhos/cm AT 25 °C ACTUAL READING: 10.1 µmhos/cm AT 21.5 °C

08-08-23 Exp. 06-12-09 CONC. OF STD #2: 104.0 µmhos/cm AT 25 °C ACTUAL READING: 103.6 µmhos/cm AT 24.1 °C

08-08-26 Exp. 07-10-09 CONC. OF STD #3: 1005 µmhos/cm AT 25 °C ACTUAL READING: 914 µmhos/cm AT 24.2 °C

08-08-28 Exp. 04-09 Separate Source Standard #4 447 umhos/cm AT 25 °C ACTUAL READING: 450.5 µmhos/cm AT 23.2 °C

pH METER CALIBRATION EPA METHOD 9040B

Time: 0740 Analyst: BCS

METER MODEL: YSI pH100 SERIAL# JC01684 PROBE# YSI 605377 08A

	READING OF 7.00 BUFFER	READING OF 4.00 BUFFER	READING OF 10.00 BUFFER	Separate Source Standard (4.00)	SLOPE
	7.03	4.02	10.02	4.01	100.8
CIN	08-05-37	08-05-36	08-05-38	08-04-25	

Temperature Compensation for pH Probe: - 0.1 .

Mid-day Reading of Calibration Standards: pH Buffer: — Actual Reading: —

Conductivity Standard: — 25°C Actual Reading: — Time: —

End of Day Reading of Calibration Standards: pH Buffer: 7.0 Actual Reading: 7.02

Conductivity Standard: 1005 25°C Actual Reading: 931 Time: 1030

Sample Meter Reading Duplicate (after 10 wells)

Well ID ~~MW-2~~ JHF 11-13-08 ~~MW-4~~ MW-3A Conductivity 930

pH 6.56 Temperature 14.7

Well Number: MW-3A

☐ Development
☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 11-12-08 Field Personnel: BCS/SHF

Site Name/Location: BRPC Weather Conditions/~Temp: Cloudy 140's °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☑ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☐ 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): 8.38 @ 1520
Total Depth of Well (b): 20.35
Length of Water Column in Well (b-a): 11.97
Well Casing Diameter (inches): 2"
Depth to Immiscible Layer: -

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	2.0	
3 Casing Vol	6.0	2.0

Circle One that Applies

Measuring Point: TOC / Ground Surface
Riser Material: PVC / Steel / Teflon
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/ Light/ 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
11-12	1522	-	-	-	-	6.71	14.4	1033	-	-	-	1	1.41	
	1525	1	-	Dry	2.0	6.77	13.9	960	-	-	-	1	74.0	Dry
11-13	0925	2	-	-	Sample	6.56	14.7	930	-	-	-	1	13.9	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: 0925 on 11-13-08

Comments:

Well Number: MW-12 ☐ Development ☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 11-12-08 Field Personnel: BCS/SHF

Site Name/Location: BRPC Weather Conditions/~Temp: Cloudy 1 40's °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☑ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☐ 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): 11.92 @ 1529
Total Depth of Well (b): 29.02
Length of Water Column in Well (b-a): 17.10
Well Casing Diameter (inches): 2"
Depth to Immiscible Layer: -

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	2.8	
3 Casing Vol	8.4	8.4

Circle One that Applies

Measuring Point: ~~TOC~~ / Ground Surface
Riser Material: ~~PVC~~ / Steel / Teflon
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~~/ Light/ 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
11-12	1532	-	-	-	-	6.03	13.5	228.2	-	-	-	1	9.01	
	1534	1	-	-	2.8	5.91	13.7	217.3	-	-	-	1	50.1	
	1537	2	-	-	5.6	5.92	13.6	221.7	-	-	-	1	58.4	
	1539	3	-	-	8.4	5.85	13.6	228.4	-	-	-	1	57.8	
11-13	0940	4	-	-	Sample	-	-	-	-	-	-	1	18.0	
		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: 0940 on 11-13-08

Comments:

Revised 7/3/08

Well Number: MW-4 ☐ Development ☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 11-12-08 Field Personnel: BCS/JHF

Site Name/Location: BRPC Weather Conditions/~Temp: Cloudy 1 40's °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☑ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☐ 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): 62.24 @ 1546
Total Depth of Well (b): 83.83
Length of Water Column in Well (b-a): 21.59
Well Casing Diameter (inches): 2"
Depth to Immiscible Layer: -

# of Casings	Gallons to be Removed	Gallons Removed
1 Casing Vol = (b-a) x Multiplier	3.5	
3 Casing Vol	10.5	10.5

Circle One that Applies

Measuring Point: ~~TOC~~ / Ground Surface
Riser Material: ~~PVC~~ / Steel / Teflon
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~~/ Light/ 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
11-12	1549	-	-	-	-	6.39	13.9	763	-	-	-	1	15.8	
	1555	1	-	-	3.5	6.46	14.3	1080	-	-	-	1	88.3	
	1604	2	-	-	7.0	6.43	14.2	1060	-	-	-	1	105	
	1612	3	-	-	10.5	6.42	14.3	1151	-	-	-	1	130	
11-13	0955	4	-	-	Sample	-	-	-	-	-	-	1	17.9	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: 0955 on 11-13-08

Comments:

Well Number: MW-2

☐ Development
☑ Purging

FIELD DATA LOG FOR GROUND WATER SAMPLING

ROGERS & CALLCOTT ENGINEERS, INC.

Date: 11-12-08 Field Personnel: BCS / JHF

Site Name/Location: BRPC Weather Conditions/~Temp: Cloudy 140 °F

Method of Well Evacuation

Pump	Bailer
☐ Grund fos	☑ Non Disposable Teflon
☐ Submersible	☐ Disposable Teflon
☐ Peristaltic	☐ Disposable Poly
☐ 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): 4.90 @ 1620
Total Depth of Well (b): 11.80
Length of Water Column in Well (b-a): 6.90
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 / Teflon
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~~/ Light/ 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
11-12	1622	-	-	-	-	9.90	13.7	7300	-	-	-	1	6.79	
	1624	1	-	Dry	1.1	9.90	13.8	7330	-	-	-	1	18.4	Dry
11-13	1010*	2	-	-	Sample	—	—	—	-	-	-	1	23.6	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 / Brown Tint Precipitate: None Fe^{+2} mg/L= -

Sample Collection Time: 1010 on 11-13-08

Comments: * not enough sample for a reading

Revised 7/3/08

44-06	4406-MW11	7440-09-7	377	Potassium	650	ug/L	EPA 200.7	500	500	1	11/12/2008		11/14/2008
44-06	4406-MW11	7440-24-6	322	Sodium	1500	ug/L	EPA 200.7	50	50	1	11/12/2008		11/13/2008
44-06	4406-MW11	7439-96-5	342	Manganese ICPMS	8	ug/L	EPA 200.8	5	5	1	11/12/2008		11/13/2008
44-06	4406-MW11	14808-79-8	315	Sulfate	14000	ug/L	EPA 300.0	2000	2000	5	11/12/2008		12/4/2008
44-06	4406-MW11	SW311		Total Dissolved Solids	36000	ug/L	SM 2540C	25000	25000	1	11/12/2008		11/14/2008
44-06	4406-MW11	SW357		Total Organic Carbon	7000	ug/L	SM 5310C	500	500	1	11/12/2008		11/22/2008
44-06	4406-MW11	SW396		Total Organic Halides	30	ug/L	SW846 9020B	30	30	1	11/12/2008	12/03/2008	12/09/2008
44-06	4406-MW12	7440-39-3	15	Barium	30	ug/L	EPA 200.7	10	10	1	11/13/2008		11/14/2008
44-06	4406-MW12	7440-70-2	375	Calcium	15000	ug/L	EPA 200.7	10	10	10	11/13/2008		11/18/2008
44-06	4406-MW12	7439-89-6	340	Iron	110	ug/L	EPA 200.7	50	50	1	11/13/2008		11/14/2008
44-06	4406-MW12	7439-95-4	376	Magnesium	9800	ug/L	EPA 200.7	10	10	10	11/13/2008		11/18/2008
44-06	4406-MW12	7440-09-7	377	Potassium	3100	ug/L	EPA 200.7	500	500	1	11/13/2008		11/14/2008
44-06	4406-MW12	7440-24-6	322	Sodium	12000	ug/L	EPA 200.7	50	50	10	11/13/2008		11/18/2008
44-06	4406-MW12	7439-96-5	342	Manganese ICPMS	8	ug/L	EPA 200.8	5	5	1	11/13/2008		11/14/2008
44-06	4406-MW12	SW301		Chloride	8500	ug/L	EPA 300.0	2000	2000	1	11/13/2008		12/5/2008
44-06	4406-MW12	14808-79-8	315	Sulfate	49000	ug/L	EPA 300.0	2000	2000	10	11/13/2008		12/4/2008
44-06	4406-MW12	SW311		Total Dissolved Solids	156000	ug/L	SM 2540C	25000	25000	1	11/13/2008		11/19/2008
44-06	4406-MW12	SW419		Nitrate-Nitrite as N	1300	ug/L	SM 4500NO3H	200	200	1	11/13/2008		12/8/2008
44-06	4406-MW12	SW357		Total Organic Carbon	810	ug/L	SM 5310C	500	500	1	11/13/2008		11/22/2008
44-06	4406-MW12	SW396		Total Organic Halides	30	ug/L	SW846 9020B	30	30	1	11/13/2008	12/03/2008	12/09/2008
44-06	4406-MW13	7440-39-3	15	Barium	20	ug/L	EPA 200.7	10	10	1	11/11/2008		11/13/2008
44-06	4406-MW13	7440-70-2	375	Calcium	13000	ug/L	EPA 200.7	10	10	10	11/11/2008		11/18/2008
44-06	4406-MW13	7439-89-6	340	Iron	1300	ug/L	EPA 200.7	50	50	1	11/11/2008		11/13/2008
44-06	4406-MW13	7439-95-4	376	Magnesium	8800	ug/L	EPA 200.7	10	10	2	11/11/2008		11/14/2008
44-06	4406-MW13	7439-96-5	342	Manganese	1500	ug/L	EPA 200.7	20	20	1	11/11/2008		11/13/2008
44-06	4406-MW13	7440-09-7	377	Potassium	4800	ug/L	EPA 200.7	500	500	5	11/11/2008		11/21/2008
44-06	4406-MW13	7440-24-6	322	Sodium	438000	ug/L	EPA 200.7	50	50	200	11/11/2008		11/18/2008
44-06	4406-MW13	7440-47-3	51	Chromium ICPMS	3	ug/L	EPA 200.8	2	2	1	11/11/2008		11/13/2008
44-06	4406-MW13	7440-50-8	54	Copper ICPMS	5	ug/L	EPA 200.8	5	5	1	11/11/2008		11/13/2008
44-06	4406-MW13	SW301		Chloride	39000	ug/L	EPA 300.0	2000	2000	10	11/11/2008		12/4/2008
44-06	4406-MW13	14808-79-8	315	Sulfate	805000	ug/L	EPA 300.0	2000	2000	250	11/11/2008		12/3/2008
44-06	4406-MW13	SW311		Total Dissolved Solids	1590000	ug/L	SM 2540C	25000	25000	1	11/11/2008		11/14/2008
44-06	4406-MW13	SW357		Total Organic Carbon	3300	ug/L	SM 5310C	500	500	1	11/11/2008		11/22/2008
44-06	4406-MW13	SW396		Total Organic Halides	83.6	ug/L	SW846 9020B	30	30	1	11/11/2008	12/03/2008	12/09/2008
44-06	4406-MW14	7440-39-3	15	Barium	140	ug/L	EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-MW14	7440-70-2	375	Calcium	18000	ug/L	EPA 200.7	10	10	10	11/10/2008		11/12/2008
44-06	4406-MW14	7439-89-6	340	Iron	90	ug/L	EPA 200.7	50	50	1	11/10/2008		11/11/2008
44-06	4406-MW14	7439-95-4	376	Magnesium	5000	ug/L	EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-MW14	7440-09-7	377	Potassium	2900	ug/L	EPA 200.7	500	500	1	11/10/2008		11/11/2008
44-06	4406-MW14	7440-24-6	322	Sodium	7300	ug/L	EPA 200.7	50	50	5	11/10/2008		11/12/2008
44-06	4406-MW14	7440-47-3	51	Chromium ICPMS	2	ug/L	EPA 200.8	2	2	1	11/10/2008		11/11/2008
44-06	4406-MW14	7439-96-5	342	Manganese ICPMS	10	ug/L	EPA 200.8	5	5	1	11/10/2008		11/11/2008
44-06	4406-MW14	SW301		Chloride	22000	ug/L	EPA 300.0	2000	2000	5	11/10/2008		12/3/2008
44-06	4406-MW14	SW311		Total Dissolved Solids	137000	ug/L	SM 2540C	25000	25000	1	11/10/2008		11/13/2008
44-06	4406-MW14	SW419		Nitrate-Nitrite as N	1200	ug/L	SM 4500NO3H	200	200	1	11/10/2008		12/4/2008
44-06	4406-MW14	SW357		Total Organic Carbon	710	ug/L	SM 5310C	500	500	1	11/10/2008		11/17/2008
44-06	4406-MW14	SW396		Total Organic Halides	30	ug/L	SW846 9020B	30	30	1	11/10/2008	11/21/2008	12/01/2008
44-06	4406-MW15	7440-39-3	15	Barium	40	ug/L	EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-MW15	7440-70-2	375	Calcium	4000	ug/L	EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-MW15	7439-89-6	340	Iron	470	ug/L	EPA 200.7	50	50	1	11/10/2008		11/11/2008
44-06	4406-MW15	7439-95-4	376	Magnesium	1400	ug/L	EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-MW15	7440-09-7	377	Potassium	1500	ug/L	EPA 200.7	500	500	1	11/10/2008		11/11/2008
44-06	4406-MW15	7440-24-6	322	Sodium	3000	ug/L	EPA 200.7	50	50	1	11/10/2008		11/11/2008
44-06	4406-MW15	7439-96-5	342	Manganese ICPMS	7	ug/L	EPA 200.8	5	5	1	11/10/2008		11/11/2008
44-06	4406-MW15	SW311		Total Dissolved Solids	44000	ug/L	SM 2540C	25000	25000	1	11/10/2008		11/13/2008
44-06	4406-MW15	SW357		Total Organic Carbon	1900	ug/L	SM 5310C	500	500	1	11/10/2008		11/17/2008
44-06	4406-MW15	SW396		Total Organic Halides	30	ug/L	SW846 9020B	30	30	1	11/10/2008	11/21/2008	12/01/2008
44-06	4406-MW16D	7440-39-3	15	Barium	210	ug/L	EPA 200.7	10	10	1	11/11/2008		11/13/2008
44-06	4406-MW16D	7440-70-2	375	Calcium	265000	ug/L	EPA 200.7	10	10	100	11/11/2008		11/18/2008
44-06	4406-MW16D	7439-89-6	340	Iron	4400	ug/L	EPA 200.7	50	50	1	11/11/2008		11/13/2008
44-06	4406-MW16D	7439-95-4	376	Magnesium	38000	ug/L	EPA 200.7	10	10	20	11/11/2008		11/14/2008
44-06	4406-MW16D	7439-96-5	342	Manganese	4800	ug/L	EPA 200.7	20	20	1	11/11/2008		11/13/2008
44-06	4406-MW16D	7440-09-7	377	Potassium	24000	ug/L	EPA 200.7	500	500	20	11/11/2008		11/18/2008
44-06	4406-MW16D	7440-24-6	322	Sodium	40000	ug/L	EPA 200.7	50	50	50	11/11/2008		11/18/2008
44-06	4406-MW16D	7440-47-3	51	Chromium ICPMS	3	ug/L	EPA 200.8	2	2	1	11/11/2008		11/14/2008
44-06	4406-MW16D	7440-02-0	152	Nickel ICPMS	13	ug/L	EPA 200.8	5	5	1	11/11/2008		11/14/2008
44-06	4406-MW16D	SW301		Chloride	93000	ug/L	EPA 300.0	2000	2000	20	11/11/2008		12/3/2008
44-06	4406-MW16D	14808-79-8	315	Sulfate	61000	ug/L	EPA 300.0	2000	2000	20	11/11/2008		12/3/2008
44-06	4406-MW16D	SW311		Total Dissolved Solids	1050000	ug/L	SM 2540C	25000	25000	1	11/11/2008		11/14/2008
44-06	4406-MW16D	SW357		Total Organic Carbon	10000	ug/L	SM 5310C	500	500	1	11/11/2008		11/22/2008
44-06	4406-MW16D	SW396		Total Organic Halides	141	ug/L	SW846 9020B	30	30	1	11/11/2008	12/03/2008	12/09/2008
44-06	4406-MW16S	7440-39-3	15	Barium	840	ug/L	EPA 200.7	10	10	1	11/11/2008		11/13/2008
44-06	4406-MW16S	7440-70-2	375	Calcium	126000	ug/L	EPA 200.7	10	10	100	11/11/2008		11/18/2008
44-06	4406-MW16S	7439-89-6	340	Iron	5900	ug/L	EPA 200.7	50	50	5	11/11/2008		11/14/2008
44-06	4406-MW16S	7439-95-4	376	Magnesium	60000	ug/L	EPA 200.7	10	10	50	11/11/2008		11/18/2008
44-06	4406-MW16S	7439-96-5	342	Manganese	13000	ug/L	EPA 200.7	20	20	5	11/11/2008		11/14/2008
44-06	4406-MW16S	7440-09-7	377	Potassium	10000	ug/L	EPA 200.7	500	500	10	11/11/2008		11/18/2008
44-06	4406-MW16S	7440-24-6	322	Sodium	546000	ug/L	EPA 200.7	50	50	500	11/11/2008		11/18/2008
44-06	4406-MW16S	7440-47-3	51	Chromium ICPMS	6	ug/L	EPA 200.8	2	2	1	11/11/2008		11/14/2008
44-06	4406-MW16S	7440-02-0	152	Nickel ICPMS	51	ug/L	EPA 200.8	5	5	1	11/11/2008		11/14/2008
44-06	4406-MW16S	SW301		Chloride	179000	ug/L	EPA 300.0	2000	2000	25	11/11/2008		12/3/2008
44-06	4406-MW16S	14808-79-8	315	Sulfate	36000	ug/L	EPA 300.0	2000	2000	5	11/11/2008		12/4/2008

44-06	4406-MW16S	SW311		Total Dissolved Solids	2380000	ug/L	SM 2540C	25000	25000	1	11/11/2008		11/14/2008
44-06	4406-MW16S	SW357		Total Organic Carbon	63000	ug/L	SM 5310C	500	500	10	11/11/2008		11/26/2008
44-06	4406-MW16S	SW396		Total Organic Halides	435	ug/L	SW846 9020B	30	30	1	11/11/2008	12/03/2008	12/09/2008
44-06	4406-MW17	7440-70-2	375	Calcium	1800	ug/L	EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-MW17	7439-89-6	340	Iron	50	ug/L	EPA 200.7	50	50	1	11/10/2008		11/11/2008
44-06	4406-MW17	7439-95-4	376	Magnesium	1000	ug/L	EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-MW17	7440-09-7	377	Potassium	1200	ug/L	EPA 200.7	500	500	1	11/10/2008		11/11/2008
44-06	4406-MW17	7440-24-6	322	Sodium	1800	ug/L	EPA 200.7	50	50	1	11/10/2008		11/11/2008
44-06	4406-MW17	7440-66-6	213	Zinc	40	ug/L	EPA 200.7	20	20	1	11/10/2008		11/11/2008
44-06	4406-MW17	14808-79-8	315	Sulfate	6400	ug/L	EPA 300.0	2000	2000	1	11/10/2008		12/3/2008
44-06	4406-MW17	SW311		Total Dissolved Solids	35000	ug/L	SM 2540C	25000	25000	1	11/10/2008		11/13/2008
44-06	4406-MW17	SW419		Nitrate-Nitrite as N	500	ug/L	SM 4500NO3H	200	200	1	11/10/2008		12/4/2008
44-06	4406-MW17	SW396		Total Organic Halides	30	ug/L	SW846 9020B	30	30	1	11/10/2008	11/21/2008	12/01/2008
44-06	4406-MW18	7440-39-3	15	Barium	20	ug/L	EPA 200.7	10	10	1	11/11/2008		11/13/2008
44-06	4406-MW18	7440-70-2	375	Calcium	91000	ug/L	EPA 200.7	10	10	100	11/11/2008		11/18/2008
44-06	4406-MW18	7439-89-6	340	Iron	33000	ug/L	EPA 200.7	50	50	10	11/11/2008		11/14/2008
44-06	4406-MW18	7439-95-4	376	Magnesium	34000	ug/L	EPA 200.7	10	10	10	11/11/2008		11/14/2008
44-06	4406-MW18	7439-96-5	342	Manganese	5500	ug/L	EPA 200.7	20	20	1	11/11/2008		11/13/2008
44-06	4406-MW18	7440-09-7	377	Potassium	11000	ug/L	EPA 200.7	500	500	10	11/11/2008		11/18/2008
44-06	4406-MW18	7440-24-6	322	Sodium	256000	ug/L	EPA 200.7	50	50	200	11/11/2008		11/18/2008
44-06	4406-MW18	SW301		Chloride	48000	ug/L	EPA 300.0	2000	2000	10	11/11/2008		12/4/2008
44-06	4406-MW18	14808-79-8	315	Sulfate	806000	ug/L	EPA 300.0	2000	2000	200	11/11/2008		12/4/2008
44-06	4406-MW18	SW311		Total Dissolved Solids	1620000	ug/L	SM 2540C	25000	25000	1	11/11/2008		11/14/2008
44-06	4406-MW18	SW357		Total Organic Carbon	2600	ug/L	SM 5310C	500	500	1	11/11/2008		11/22/2008
44-06	4406-MW18	SW396		Total Organic Halides	30	ug/L	SW846 9020B	30	30	1	11/11/2008	12/03/2008	12/09/2008
44-06	4406-MW1A	7440-39-3	15	Barium	50	ug/L	EPA 200.7	10	10	1	11/12/2008		11/13/2008
44-06	4406-MW1A	7440-70-2	375	Calcium	2700	ug/L	EPA 200.7	10	10	1	11/12/2008		11/13/2008
44-06	4406-MW1A	7439-89-6	340	Iron	160	ug/L	EPA 200.7	50	50	1	11/12/2008		11/13/2008
44-06	4406-MW1A	7439-95-4	376	Magnesium	1100	ug/L	EPA 200.7	10	10	1	11/12/2008		11/13/2008
44-06	4406-MW1A	7440-09-7	377	Potassium	1600	ug/L	EPA 200.7	500	500	1	11/12/2008		11/18/2008
44-06	4406-MW1A	7440-24-6	322	Sodium	1700	ug/L	EPA 200.7	50	50	1	11/12/2008		11/13/2008
44-06	4406-MW1A	7440-66-6	213	Zinc	40	ug/L	EPA 200.7	20	20	1	11/12/2008		11/13/2008
44-06	4406-MW1A	SW311		Total Dissolved Solids	37000	ug/L	SM 2540C	25000	25000	1	11/12/2008		11/14/2008
44-06	4406-MW1A	SW357		Total Organic Carbon	21000	ug/L	SM 5310C	500	500	5	11/12/2008		11/26/2008
44-06	4406-MW1A	SW396		Total Organic Halides	30	ug/L	SW846 9020B	30	30	1	11/12/2008	12/03/2008	12/09/2008
44-06	4406-MW2	7440-70-2	375	Calcium	3100	ug/L	EPA 200.7	10	10	5	11/13/2008		11/14/2008
44-06	4406-MW2	7439-89-6	340	Iron	1400	ug/L	EPA 200.7	50	50	5	11/13/2008		11/14/2008
44-06	4406-MW2	7440-09-7	377	Potassium	58000	ug/L	EPA 200.7	500	500	5	11/13/2008		11/14/2008
44-06	4406-MW2	7440-24-6	322	Sodium	1720000	ug/L	EPA 200.7	50	50	1000	11/13/2008		11/18/2008
44-06	4406-MW2	7440-38-2	14	Arsenic ICPMS	26	ug/L	EPA 200.8	5	5	4	11/13/2008		11/17/2008
44-06	4406-MW2	7440-47-3	51	Chromium ICPMS	10	ug/L	EPA 200.8	2	2	4	11/13/2008		11/17/2008
44-06	4406-MW2	7439-92-1	131	Lead ICPMS	6	ug/L	EPA 200.8	2	2	4	11/13/2008		11/17/2008
44-06	4406-MW2	7439-96-5	342	Manganese ICPMS	25	ug/L	EPA 200.8	5	5	4	11/13/2008		11/17/2008
44-06	4406-MW2	7440-02-0	152	Nickel ICPMS	109	ug/L	EPA 200.8	5	5	4	11/13/2008		11/17/2008
44-06	4406-MW2	SW301		Chloride	152000	ug/L	EPA 300.0	2000	2000	20	11/13/2008		12/4/2008
44-06	4406-MW2	SW312		Fluoride	5400	ug/L	EPA 300.0	1000	1000	20	11/13/2008		12/4/2008
44-06	4406-MW2	14808-79-8	315	Sulfate	262000	ug/L	EPA 300.0	2000	2000	50	11/13/2008		12/9/2008
44-06	4406-MW2	SW311		Total Dissolved Solids	5570000	ug/L	SM 2540C	25000	25000	1	11/13/2008		11/17/2008
44-06	4406-MW2	SW357		Total Organic Carbon	170000	ug/L	SM 5310C	500	500	50	11/13/2008		11/26/2008
44-06	4406-MW2	SW396		Total Organic Halides	128	ug/L	SW846 9020B	30	30	1	11/13/2008	12/03/2008	12/09/2008
44-06	4406-MW20	7440-70-2	375	Calcium	3600	ug/L	EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-MW20	7439-89-6	340	Iron	5600	ug/L	EPA 200.7	50	50	1	11/10/2008		11/11/2008
44-06	4406-MW20	7439-95-4	376	Magnesium	1800	ug/L	EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-MW20	7440-09-7	377	Potassium	2300	ug/L	EPA 200.7	500	500	1	11/10/2008		11/11/2008
44-06	4406-MW20	7440-24-6	322	Sodium	4700	ug/L	EPA 200.7	50	50	1	11/10/2008		11/11/2008
44-06	4406-MW20	7439-96-5	342	Manganese ICPMS	17	ug/L	EPA 200.8	5	5	1	11/10/2008		11/11/2008
44-06	4406-MW20	7440-22-4	184	Silver ICPMS	4	ug/L	EPA 200.8	2	2	1	11/10/2008		11/11/2008
44-06	4406-MW20	SW301		Chloride	2300	ug/L	EPA 300.0	1000	1000	1	11/10/2008		12/4/2008
44-06	4406-MW20	SW312		Fluoride	160	ug/L	EPA 300.0	100	100	1	11/10/2008		12/4/2008
44-06	4406-MW20	14808-79-8	315	Sulfate	15000	ug/L	EPA 300.0	2000	2000	5	11/10/2008		12/3/2008
44-06	4406-MW20	SW311		Total Dissolved Solids	55000	ug/L	SM 2540C	25000	25000	1	11/10/2008		11/14/2008
44-06	4406-MW20	SW396		Total Organic Halides	30	ug/L	SW846 9020B	30	30	1	11/10/2008	11/21/2008	12/01/2008
44-06	4406-MW21	7440-39-3	15	Barium	40	ug/L	EPA 200.7	10	10	1	11/12/2008		11/13/2008
44-06	4406-MW21	7440-70-2	375	Calcium	311000	ug/L	EPA 200.7	10	10	100	11/12/2008		11/18/2008
44-06	4406-MW21	7439-89-6	340	Iron	21000	ug/L	EPA 200.7	50	50	20	11/12/2008		11/14/2008
44-06	4406-MW21	7439-95-4	376	Magnesium	27000	ug/L	EPA 200.7	10	10	20	11/12/2008		11/14/2008
44-06	4406-MW21	7439-96-5	342	Manganese	840	ug/L	EPA 200.7	20	20	1	11/12/2008		11/13/2008
44-06	4406-MW21	7440-09-7	377	Potassium	15000	ug/L	EPA 200.7	500	500	20	11/12/2008		11/14/2008
44-06	4406-MW21	7440-24-6	322	Sodium	139000	ug/L	EPA 200.7	50	50	100	11/12/2008		11/18/2008
44-06	4406-MW21	7440-02-0	152	Nickel ICPMS	12	ug/L	EPA 200.8	5	5	1	11/12/2008		11/13/2008
44-06	4406-MW21	SW301		Chloride	65000	ug/L	EPA 300.0	2000	2000	10	11/12/2008		12/5/2008
44-06	4406-MW21	14808-79-8	315	Sulfate	1040000	ug/L	EPA 300.0	2000	2000	250	11/12/2008		12/4/2008
44-06	4406-MW21	SW311		Total Dissolved Solids	1820000	ug/L	SM 2540C	25000	25000	1	11/12/2008		11/17/2008
44-06	4406-MW21	SW357		Total Organic Carbon	3300	ug/L	SM 5310C	500	500	1	11/12/2008		11/22/2008
44-06	4406-MW21	SW396		Total Organic Halides	159	ug/L	SW846 9020B	30	30	1	11/12/2008	12/03/2008	12/09/2008
44-06	4406-MW3A	7440-39-3	15	Barium	50	ug/L	EPA 200.7	10	10	1	11/13/2008		11/14/2008
44-06	4406-MW3A	7440-70-2	375	Calcium	117000	ug/L	EPA 200.7	10	10	100	11/13/2008		11/18/2008
44-06	4406-MW3A	7439-89-6	340	Iron	40000	ug/L	EPA 200.7	50	50	20	11/13/2008		11/18/2008
44-06	4406-MW3A	7439-95-4	376	Magnesium	33000	ug/L	EPA 200.7	10	10	20	11/13/2008		11/18/2008
44-06	4406-MW3A	7440-09-7	377	Potassium	9500	ug/L	EPA 200.7	500	500	1	11/13/2008		11/14/2008
44-06	4406-MW3A	7440-24-6	322	Sodium	22000	ug/L	EPA 200.7	50	50	20	11/13/2008		11/18/2008
44-06	4406-MW3A	7439-96-5	342	Manganese ICPMS	657	ug/L	EPA 200.8	5	5	5	11/13/2008		11/14/2008

44-06	4406-MW3A	SW301		Chloride	35000	ug/L	EPA 300.0	2000	2000	10	11/13/2008		12/5/2008
44-06	4406-MW3A	14808-79-8	315	Sulfate	253000	ug/L	EPA 300.0	2000	2000	50	11/13/2008		12/4/2008
44-06	4406-MW3A			Total Recoverable Phenols	6	ug/L	EPA 420.1	5	5	1	11/13/2008		11/18/2008
44-06	4406-MW3A	SW311		Total Dissolved Solids	700000	ug/L	SM 2540C	25000	25000	1	11/13/2008		11/17/2008
44-06	4406-MW3A	SW357		Total Organic Carbon	1900	ug/L	SM 5310C	500	500	1	11/13/2008		11/22/2008
44-06	4406-MW3A	SW396		Total Organic Halides	155	ug/L	SW846 9020B	30	30	1	11/13/2008	12/03/2008	12/09/2008
44-06	4406-MW4	7440-39-3	15	Barium	30	ug/L	EPA 200.7	10	10	1	11/13/2008		11/14/2008
44-06	4406-MW4	7440-70-2	375	Calcium	20000	ug/L	EPA 200.7	10	10	20	11/13/2008		11/18/2008
44-06	4406-MW4	7439-89-6	340	Iron	67000	ug/L	EPA 200.7	50	50	50	11/13/2008		11/18/2008
44-06	4406-MW4	7439-95-4	376	Magnesium	17000	ug/L	EPA 200.7	10	10	20	11/13/2008		11/18/2008
44-06	4406-MW4	7440-09-7	377	Potassium	8700	ug/L	EPA 200.7	500	500	1	11/13/2008		11/14/2008
44-06	4406-MW4	7440-24-6	322	Sodium	160000	ug/L	EPA 200.7	50	50	100	11/13/2008		11/18/2008
44-06	4406-MW4	7440-47-3	51	Chromium ICPMS	4	ug/L	EPA 200.8	2	2	1	11/13/2008		11/14/2008
44-06	4406-MW4	7439-96-5	342	Manganese ICPMS	1250	ug/L	EPA 200.8	5	5	20	11/13/2008		11/14/2008
44-06	4406-MW4	SW301		Chloride	76000	ug/L	EPA 300.0	2000	2000	50	11/13/2008		12/5/2008
44-06	4406-MW4	14808-79-8	315	Sulfate	249000	ug/L	EPA 300.0	2000	2000	50	11/13/2008		12/5/2008
44-06	4406-MW4	SW311		Total Dissolved Solids	788000	ug/L	SM 2540C	25000	25000	1	11/13/2008		11/17/2008
44-06	4406-MW4	SW357		Total Organic Carbon	13000	ug/L	SM 5310C	500	500	1	11/13/2008		11/22/2008
44-06	4406-MW4	SW396		Total Organic Halides	107	ug/L	SW846 9020B	30	30	1	11/13/2008	12/03/2008	12/09/2008
44-06	4406-MW5A	7440-39-3	15	Barium	80	ug/L	EPA 200.7	10	10	1	11/12/2008		11/13/2008
44-06	4406-MW5A	7440-70-2	375	Calcium	21000	ug/L	EPA 200.7	10	10	20	11/12/2008		11/18/2008
44-06	4406-MW5A	7439-89-6	340	Iron	150	ug/L	EPA 200.7	50	50	1	11/12/2008		11/13/2008
44-06	4406-MW5A	7439-95-4	376	Magnesium	24000	ug/L	EPA 200.7	10	10	20	11/12/2008		11/18/2008
44-06	4406-MW5A	7439-96-5	342	Manganese	22000	ug/L	EPA 200.7	20	20	20	11/12/2008		11/18/2008
44-06	4406-MW5A	7440-09-7	377	Potassium	3400	ug/L	EPA 200.7	500	500	1	11/12/2008		11/14/2008
44-06	4406-MW5A	7440-24-6	322	Sodium	13000	ug/L	EPA 200.7	50	50	10	11/12/2008		11/18/2008
44-06	4406-MW5A	7440-47-3	51	Chromium ICPMS	2	ug/L	EPA 200.8	2	2	1	11/12/2008		11/13/2008
44-06	4406-MW5A	7440-02-0	152	Nickel ICPMS	5	ug/L	EPA 200.8	5	5	1	11/12/2008		11/13/2008
44-06	4406-MW5A	SW301		Chloride	96000	ug/L	EPA 300.0	2000	2000	25	11/12/2008		12/5/2008
44-06	4406-MW5A	14808-79-8	315	Sulfate	19000	ug/L	EPA 300.0	2000	2000	5	11/12/2008		12/5/2008
44-06	4406-MW5A	SW311		Total Dissolved Solids	344000	ug/L	SM 2540C	25000	25000	1	11/12/2008		11/17/2008
44-06	4406-MW5A	SW419		Nitrate-Nitrite as N	540	ug/L	SM 4500NO3H	200	200	1	11/12/2008		12/8/2008
44-06	4406-MW5A	SW357		Total Organic Carbon	8300	ug/L	SM 5310C	500	500	1	11/12/2008		11/22/2008
44-06	4406-MW5A	SW396		Total Organic Halides	78.9	ug/L	SW846 9020B	30	30	1	11/12/2008	12/03/2008	12/09/2008
44-06	4406-MW6	7440-39-3	15	Barium	100	ug/L	EPA 200.7	10	10	1	11/12/2008		11/13/2008
44-06	4406-MW6	7440-70-2	375	Calcium	29000	ug/L	EPA 200.7	10	10	20	11/12/2008		11/18/2008
44-06	4406-MW6	7439-89-6	340	Iron	2100	ug/L	EPA 200.7	50	50	1	11/12/2008		11/13/2008
44-06	4406-MW6	7439-95-4	376	Magnesium	21000	ug/L	EPA 200.7	10	10	20	11/12/2008		11/18/2008
44-06	4406-MW6	7439-96-5	342	Manganese	4200	ug/L	EPA 200.7	20	20	1	11/12/2008		11/13/2008
44-06	4406-MW6	7440-09-7	377	Potassium	4800	ug/L	EPA 200.7	500	500	1	11/12/2008		11/14/2008
44-06	4406-MW6	7440-24-6	322	Sodium	16000	ug/L	EPA 200.7	50	50	20	11/12/2008		11/18/2008
44-06	4406-MW6	7440-47-3	51	Chromium ICPMS	2	ug/L	EPA 200.8	2	2	1	11/12/2008		11/13/2008
44-06	4406-MW6	7440-02-0	152	Nickel ICPMS	14	ug/L	EPA 200.8	5	5	1	11/12/2008		11/13/2008
44-06	4406-MW6	SW301		Chloride	92000	ug/L	EPA 300.0	2000	2000	10	11/12/2008		12/5/2008
44-06	4406-MW6	14808-79-8	315	Sulfate	23000	ug/L	EPA 300.0	2000	2000	10	11/12/2008		12/9/2008
44-06	4406-MW6	SW311		Total Dissolved Solids	334000	ug/L	SM 2540C	25000	25000	1	11/12/2008		11/17/2008
44-06	4406-MW6	SW357		Total Organic Carbon	11000	ug/L	SM 5310C	500	500	1	11/12/2008		11/22/2008
44-06	4406-MW6	SW396		Total Organic Halides	218	ug/L	SW846 9020B	30	30	1	11/12/2008	12/03/2008	12/09/2008
44-06	4406-MW7A	7440-39-3	15	Barium	90	ug/L	EPA 200.7	10	10	1	11/12/2008		11/13/2008
44-06	4406-MW7A	7440-70-2	375	Calcium	26000	ug/L	EPA 200.7	10	10	20	11/12/2008		11/18/2008
44-06	4406-MW7A	7439-89-6	340	Iron	210	ug/L	EPA 200.7	50	50	1	11/12/2008		11/13/2008
44-06	4406-MW7A	7439-95-4	376	Magnesium	19000	ug/L	EPA 200.7	10	10	20	11/12/2008		11/18/2008
44-06	4406-MW7A	7440-09-7	377	Potassium	3500	ug/L	EPA 200.7	500	500	1	11/12/2008		11/14/2008
44-06	4406-MW7A	7440-24-6	322	Sodium	10000	ug/L	EPA 200.7	50	50	5	11/12/2008		11/18/2008
44-06	4406-MW7A	7440-47-3	51	Chromium ICPMS	2	ug/L	EPA 200.8	2	2	1	11/12/2008		11/13/2008
44-06	4406-MW7A	7439-96-5	342	Manganese ICPMS	419	ug/L	EPA 200.8	5	5	5	11/12/2008		11/14/2008
44-06	4406-MW7A	7440-02-0	152	Nickel ICPMS	7	ug/L	EPA 200.8	5	5	1	11/12/2008		11/13/2008
44-06	4406-MW7A	7439-97-6	132	Mercury	1.1	ug/L	EPA 245.1	0.2	0.2	1	11/12/2008		12/2/2008
44-06	4406-MW7A	SW301		Chloride	65000	ug/L	EPA 300.0	2000	2000	10	11/12/2008		12/5/2008
44-06	4406-MW7A	14808-79-8	315	Sulfate	20000	ug/L	EPA 300.0	2000	2000	10	11/12/2008		12/5/2008
44-06	4406-MW7A	SW311		Total Dissolved Solids	264000	ug/L	SM 2540C	25000	25000	1	11/12/2008		11/17/2008
44-06	4406-MW7A	SW357		Total Organic Carbon	4000	ug/L	SM 5310C	500	500	1	11/12/2008		11/22/2008
44-06	4406-MW7A	SW396		Total Organic Halides	134	ug/L	SW846 9020B	30	30	1	11/12/2008	12/03/2008	12/09/2008
44-06	4406-MW8	7440-70-2	375	Calcium	4400	ug/L	EPA 200.7	10	10	1	11/12/2008		11/13/2008
44-06	4406-MW8	7439-89-6	340	Iron	940	ug/L	EPA 200.7	50	50	1	11/12/2008		11/13/2008
44-06	4406-MW8	7439-95-4	376	Magnesium	1500	ug/L	EPA 200.7	10	10	1	11/12/2008		11/13/2008
44-06	4406-MW8	7440-09-7	377	Potassium	2300	ug/L	EPA 200.7	500	500	1	11/12/2008		11/14/2008
44-06	4406-MW8	7440-24-6	322	Sodium	2600	ug/L	EPA 200.7	50	50	5	11/12/2008		11/18/2008
44-06	4406-MW8	7439-96-5	342	Manganese ICPMS	43	ug/L	EPA 200.8	5	5	1	11/12/2008		11/13/2008
44-06	4406-MW8	SW312		Fluoride	120	ug/L	EPA 300.0	100	100	1	11/12/2008		12/5/2008
44-06	4406-MW8	14808-79-8	315	Sulfate	11000	ug/L	EPA 300.0	2000	2000	2	11/12/2008		12/4/2008
44-06	4406-MW8	SW311		Total Dissolved Solids	71000	ug/L	SM 2540C	25000	25000	1	11/12/2008		11/17/2008
44-06	4406-MW8	SW357		Total Organic Carbon	1000	ug/L	SM 5310C	500	500	1	11/12/2008		11/22/2008
44-06	4406-MW8	SW396		Total Organic Halides	30	ug/L	SW846 9020B	30	30	1	11/12/2008	12/03/2008	12/09/2008
44-06	4406-MW9	7440-70-2	375	Calcium	2000	ug/L	EPA 200.7	10	10	1	11/12/2008		11/13/2008
44-06	4406-MW9	7439-89-6	340	Iron	50	ug/L	EPA 200.7	50	50	1	11/12/2008		11/13/2008
44-06	4406-MW9	7439-95-4	376	Magnesium	1000	ug/L	EPA 200.7	10	10	1	11/12/2008		11/13/2008
44-06	4406-MW9	7440-09-7	377	Potassium	1600	ug/L	EPA 200.7	500	500	1	11/12/2008		11/18/2008
44-06	4406-MW9	7440-24-6	322	Sodium	1600	ug/L	EPA 200.7	50	50	1	11/12/2008		11/13/2008
44-06	4406-MW9	7439-96-5	342	Manganese ICPMS	12	ug/L	EPA 200.8	5	5	1	11/12/2008		11/13/2008
44-06	4406-MW9	14808-79-8	315	Sulfate	2400	ug/L	EPA 300.0	1000	1000	1	11/12/2008		12/4/2008
44-06	4406-MW9	SW311		Total Dissolved Solids	25000	ug/L	SM 2540C	25000	25000	1	11/12/2008		11/14/2008

44-06	4406-MW9	SW419		Nitrate-Nitrite as N	410	ug/L	SM 4500NO3H	200	200	1	11/12/2008		12/8/2008
44-06	4406-MW9	SW357		Total Organic Carbon	3000	ug/L	SM 5310C	500	500	1	11/12/2008		11/22/2008
44-06	4406-MW9	SW396		Total Organic Halides	30	ug/L	SW846 9020B	30	30	1	11/12/2008	12/03/2008	12/09/2008
44-06	4406-PigeonRDown	7440-39-3	15	Barium	60	ug/L	EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-PigeonRDown	7440-70-2	375	Calcium	19000	ug/L	EPA 200.7	10	10	20	11/10/2008		11/12/2008
44-06	4406-PigeonRDown	7439-89-6	340	Iron	150	ug/L	EPA 200.7	50	50	1	11/10/2008		11/11/2008
44-06	4406-PigeonRDown	7439-95-4	376	Magnesium	3300	ug/L	EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-PigeonRDown	7440-09-7	377	Potassium	17000	ug/L	EPA 200.7	500	500	1	11/10/2008		11/11/2008
44-06	4406-PigeonRDown	7440-24-6	322	Sodium	259000	ug/L	EPA 200.7	50	50	200	11/10/2008		11/13/2008
44-06	4406-PigeonRDown	7440-38-2	14	Arsenic ICPMS	10	ug/L	EPA 200.8	5	5	1	11/10/2008		11/11/2008
44-06	4406-PigeonRDown	7440-47-3	51	Chromium ICPMS	2	ug/L	EPA 200.8	2	2	1	11/10/2008		11/11/2008
44-06	4406-PigeonRDown	7439-96-5	342	Manganese ICPMS	255	ug/L	EPA 200.8	5	5	1	11/10/2008		11/11/2008
44-06	4406-PigeonRDown	SW301		Chloride	146000	ug/L	EPA 300.0	2000	2000	50	11/10/2008		12/3/2008
44-06	4406-PigeonRDown	SW312		Fluoride	190	ug/L	EPA 300.0	100	100	1	11/10/2008		12/4/2008
44-06	4406-PigeonRDown	14808-79-8	315	Sulfate	321000	ug/L	EPA 300.0	2000	2000	50	11/10/2008		12/3/2008
44-06	4406-PigeonRDown	SW311		Total Dissolved Solids	984000	ug/L	SM 2540C	25000	25000	1	11/10/2008		11/13/2008
44-06	4406-PigeonRDown	SW304		Nitrite as N	10	ug/L	SM 4500NO2B	10	10	1	11/10/2008		11/11/2008
44-06	4406-PigeonRDown	SW357		Total Organic Carbon	22000	ug/L	SM 5310C	500	500	5	11/10/2008		11/26/2008
44-06	4406-PigeonRDown	SW396		Total Organic Halides	477	ug/L	SW846 9020B	30	30	1	11/10/2008	11/21/2008	12/01/2008
44-06	4406-PigeonRUp	7440-39-3	15	Barium	50	ug/L	EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-PigeonRUp	7440-70-2	375	Calcium	18000	ug/L	EPA 200.7	10	10	20	11/10/2008		11/12/2008
44-06	4406-PigeonRUp	7439-89-6	340	Iron	120	ug/L	EPA 200.7	50	50	1	11/10/2008		11/11/2008
44-06	4406-PigeonRUp	7439-95-4	376	Magnesium	3000	ug/L	EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-PigeonRUp	7440-09-7	377	Potassium	18000	ug/L	EPA 200.7	500	500	1	11/10/2008		11/11/2008
44-06	4406-PigeonRUp	7440-24-6	322	Sodium	258000	ug/L	EPA 200.7	50	50	200	11/10/2008		11/13/2008
44-06	4406-PigeonRUp	7440-38-2	14	Arsenic ICPMS	10	ug/L	EPA 200.8	5	5	1	11/10/2008		11/11/2008
44-06	4406-PigeonRUp	7440-47-3	51	Chromium ICPMS	2	ug/L	EPA 200.8	2	2	1	11/10/2008		11/11/2008
44-06	4406-PigeonRUp	7439-96-5	342	Manganese ICPMS	239	ug/L	EPA 200.8	5	5	1	11/10/2008		11/11/2008
44-06	4406-PigeonRUp	SW301		Chloride	135000	ug/L	EPA 300.0	2000	2000	25	11/10/2008		12/3/2008
44-06	4406-PigeonRUp	SW312		Fluoride	180	ug/L	EPA 300.0	100	100	1	11/10/2008		12/4/2008
44-06	4406-PigeonRUp	14808-79-8	315	Sulfate	320000	ug/L	EPA 300.0	2000	2000	50	11/10/2008		12/4/2008
44-06	4406-PigeonRUp	SW311		Total Dissolved Solids	984000	ug/L	SM 2540C	25000	25000	1	11/10/2008		11/13/2008
44-06	4406-PigeonRUp	SW357		Total Organic Carbon	20000	ug/L	SM 5310C	500	500	1	11/10/2008		11/17/2008
44-06	4406-PigeonRUp	SW396		Total Organic Halides	495	ug/L	SW846 9020B	30	30	1	11/10/2008	11/21/2008	12/01/2008
44-06	4406-UnderflowDrain	7440-39-3	15	Barium	30	ug/L	EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-UnderflowDrain	7440-70-2	375	Calcium	4400	ug/L	EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-UnderflowDrain	7439-95-4	376	Magnesium	2200	ug/L	EPA 200.7	10	10	1	11/10/2008		11/11/2008
44-06	4406-UnderflowDrain	7440-09-7	377	Potassium	2000	ug/L	EPA 200.7	500	500	1	11/10/2008		11/11/2008
44-06	4406-UnderflowDrain	7440-24-6	322	Sodium	3200	ug/L	EPA 200.7	50	50	1	11/10/2008		11/11/2008
44-06	4406-UnderflowDrain	7440-66-6	213	Zinc	60	ug/L	EPA 200.7	20	20	1	11/10/2008		11/11/2008
44-06	4406-UnderflowDrain	SW301		Chloride	10000	ug/L	EPA 300.0	2000	2000	2	11/10/2008		12/3/2008
44-06	4406-UnderflowDrain	14808-79-8	315	Sulfate	3100	ug/L	EPA 300.0	1000	1000	1	11/10/2008		12/4/2008
44-06	4406-UnderflowDrain	SW317		COD	311000	ug/L	EPA 410.4	20000	20000	1	11/10/2008		11/24/2008
44-06	4406-UnderflowDrain	SW311		Total Dissolved Solids	57000	ug/L	SM 2540C	25000	25000	1	11/10/2008		11/13/2008
44-06	4406-UnderflowDrain	SW419		Nitrate-Nitrite as N	460	ug/L	SM 4500NO3H	200	200	1	11/10/2008		11/26/2008
44-06	4406-UnderflowDrain	SW316		BOD, 5 Day	63000	ug/L	SM 5210B	2000	2000	30	11/10/2008		11/12/2008
44-06	4406-UnderflowDrain	SW396		Total Organic Halides	30	ug/L	SW846 9020B	30	30	1	11/10/2008	11/21/2008	12/01/2008

	MDL
0.03	0.01
6.3	0.01
0.14	0.05
2.4	0.01
3.0	0.5
10	0.05
0.024	0.005
7.0	2.0
11	2.0
194	25
0.35	0.20
1.4	0.5
0.0300	0.0300
0.02	0.01
6.7	0.01
0.15	0.05
2.7	0.01
3.1	0.5
15	0.05
0.031	0.005
7.5	2.0
17	2.0
92	25
0.29	0.20
1.4	0.5
0.0300	0.0300
0.03	0.01
6.3	0.01
1.1	0.05
2.4	0.01
2.9	0.5
6.3	0.05
0.095	0.005
0.008	0.002
6.4	1.0
4.8	1.0
67	25
0.36	0.20
1.6	0.5
0.0300	0.0300
0.02	0.01
4.7	0.01
0.15	0.05
1.8	0.01
2.7	0.5
3.8	0.05
0.012	0.005
3.3	1.0
0.12	0.1
3.2	1.0
49	25
0.34	0.20
2.0	0.5
0.0300	0.0300
0.06	0.05
24	0.01
190	0.01
580	0.5
6420	0.05
0.14	0.10
0.95	0.10
271	2.0
2030	2.0
19500	25
58	0.02
4.1	2.0
90	0.5
0.443	0.0600
0.01	0.01
2.1	0.01
0.14	0.05
1.6	0.01
0.95	0.5
1.4	0.05
2.0	1.0
0.0300	0.0300
0.03	0.01
2.0	0.01
0.38	0.05
3.1	0.01

0.65	0.5
1.5	0.05
0.008	0.005
14	2.0
36	25
7.0	0.5
0.0300	0.0300
0.03	0.01
15	0.01
0.11	0.05
9.8	0.01
3.1	0.5
12	0.05
0.008	0.005
8.5	2.0
49	2.0
156	25
1.3	0.20
0.81	0.5
0.0300	0.0300
0.02	0.01
13	0.01
1.3	0.05
8.8	0.01
1.5	0.02
4.8	0.5
438	0.05
0.003	0.002
0.005	0.005
39	2.0
805	2.0
1590	25
3.3	0.5
0.0836	0.0300
0.14	0.01
18	0.01
0.09	0.05
5.0	0.01
2.9	0.5
7.3	0.05
0.002	0.002
0.010	0.005
22	2.0
137	25
1.2	0.20
0.71	0.5
0.0300	0.0300
0.04	0.01
4.0	0.01
0.47	0.05
1.4	0.01
1.5	0.5
3.0	0.05
0.007	0.005
44	25
1.9	0.5
0.0300	0.0300
0.21	0.01
265	0.01
4.4	0.05
38	0.01
4.8	0.02
24	0.5
40	0.05
0.003	0.002
0.013	0.005
93	2.0
61	2.0
1050	25
10	0.5
0.141	0.0300
0.84	0.01
126	0.01
5.9	0.05
60	0.01
13	0.02
10	0.5
546	0.05
0.006	0.002
0.051	0.005
179	2.0
36	2.0

2380	25
63	0.5
0.435	0.0300
1.8	0.01
0.05	0.05
1.0	0.01
1.2	0.5
1.8	0.05
0.04	0.02
6.4	2.0
35	25
0.50	0.20
0.0300	0.0300
0.02	0.01
91	0.01
33	0.05
34	0.01
5.5	0.02
11	0.5
256	0.05
48	2.0
806	2.0
1620	25
2.6	0.5
0.0300	0.0300
0.05	0.01
2.7	0.01
0.16	0.05
1.1	0.01
1.6	0.5
1.7	0.05
0.04	0.02
37	25
21	0.5
0.0300	0.0300
3.1	0.01
1.4	0.05
58	0.5
1720	0.05
0.026	0.005
0.010	0.002
0.006	0.002
0.025	0.005
0.109	0.005
152	2.0
5.4	1.0
262	2.0
5570	25
170	0.5
0.128	0.0300
3.6	0.01
5.6	0.05
1.8	0.01
2.3	0.5
4.7	0.05
0.017	0.005
0.004	0.002
2.3	1.0
0.16	0.1
15	2.0
55	25
0.0300	0.0300
0.04	0.01
311	0.01
21	0.05
27	0.01
0.84	0.02
15	0.5
139	0.05
0.012	0.005
65	2.0
1040	2.0
1820	25
3.3	0.5
0.159	0.0300
0.05	0.01
117	0.01
40	0.05
33	0.01
9.5	0.5
22	0.05
0.657	0.005

35	2.0
253	2.0
0.006	0.005
700	25
1.9	0.5
0.155	0.0300
0.03	0.01
20	0.01
67	0.05
17	0.01
8.7	0.5
160	0.05
0.004	0.002
1.25	0.005
76	2.0
249	2.0
788	25
13	0.5
0.107	0.0300
0.08	0.01
21	0.01
0.15	0.05
24	0.01
22	0.02
3.4	0.5
13	0.05
0.002	0.002
0.005	0.005
96	2.0
19	2.0
344	25
0.54	0.20
8.3	0.5
0.0789	0.0300
0.10	0.01
29	0.01
2.1	0.05
21	0.01
4.2	0.02
4.8	0.5
16	0.05
0.002	0.002
0.014	0.005
92	2.0
23	2.0
334	25
11	0.5
0.218	0.0300
0.09	0.01
26	0.01
0.21	0.05
19	0.01
3.5	0.5
10	0.05
0.002	0.002
0.419	0.005
0.007	0.005
0.0011	0.0002
65	2.0
20	2.0
264	25
4.0	0.5
0.134	0.0300
4.4	0.01
0.94	0.05
1.5	0.01
2.3	0.5
2.6	0.05
0.043	0.005
0.12	0.1
11	2.0
71	25
1.0	0.5
0.0300	0.0300
2.0	0.01
0.05	0.05
1.0	0.01
1.6	0.5
1.6	0.05
0.012	0.005
2.4	1.0
25	25

0.41	0.20
3.0	0.5
0.0300	0.0300
0.06	0.01
19	0.01
0.15	0.05
3.3	0.01
17	0.5
259	0.05
0.010	0.005
0.002	0.002
0.255	0.005
146	2.0
0.19	0.1
321	2.0
984	25
0.01	0.01
22	0.5
0.477	0.0300
0.05	0.01
18	0.01
0.12	0.05
3.0	0.01
18	0.5
258	0.05
0.010	0.005
0.002	0.002
0.239	0.005
135	2.0
0.18	0.1
320	2.0
984	25
20	0.5
0.495	0.0300
0.03	0.01
4.4	0.01
2.2	0.01
2.0	0.5
3.2	0.05
0.06	0.02
10	2.0
3.1	1.0
311	20
57	25
0.46	0.20
63	2.0
0.0300	0.0300