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Promoting and protecting the health of the public and the environment

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November 19, 2009

[REDACTED]
[REDACTED] Maple Ridge Road
Walterboro, SC 29488

Subject: Water and Particle Test Results
Residential Well and Plumbing System
[REDACTED] Maple Ridge Road, Walterboro, SC
Samples Collected on October 20 and 21, 2009

Dear [REDACTED]

Attached are the test results for three separate water samples collected from your home's water system October 20 and 21, 2009 and one sample of the black particle material collected from your home's water system October 21, 2009. This information includes a table summarizing key test results and the laboratory data sheets for all of the test results. Key questions regarding water quality in your home and community are discussed below.

Is the water safe to drink?

One water sample was collected near your well before the water enters the house and two water samples were collected from the plumbing system in your home. The water samples were tested for metals, organic compounds, bacteria, nitrate, hardness and pH. The only chemicals tested that exceeded a State drinking water standard were copper and lead in water samples collected from the house. Since the copper and lead were found in the water samples from the house but not the well, the copper and lead likely are getting into the water from copper and lead in the plumbing system which could include copper pipes, lead solder and plumbing fixtures.

We have enclosed a brochure entitled, "Drinking Water: Common Water Quality Problems and Their Treatment." This brochure has been used by DHEC for many years to explain water quality problems and water treatment methods for many substances found in drinking water including metals like copper and lead. An immediate step you can take to lower the amount of metals in the water is to flush the faucet two to three minutes until the water feels cooler.

What is the black particle material in the plumbing system?

Samples of the black particle material in plumbing systems from homes in your area, including your home, were tested for 68 different organic compounds, some of which are found in coal. No organic compounds were found in any of the particle material samples.

While sampling homes in your area, we saw very little black particle material in the water collected near the well and saw most of the black particle material in water collected from the plumbing fixtures in the homes. The enclosed brochure entitled, "Drinking Water: Common Water Quality Problems and Their Treatment", describes how certain substances in water can cause particle deposits and black stains to form in pressure tanks, pipes and plumbing fixtures. To learn more about these substances, see the discussion about hydrogen sulfide gas on page 16 of the brochure and the discussion about manganese and iron on page 18 of the brochure.

Another possible source of black material in well water in your area is organic material, called lignite, which occurs naturally in a geologic unit named the Williamsburg Formation. Many of the private wells in your area are completed at a depth of about 380 to 400 feet below land surface in sandy zones that may be part of this Formation. The United States Geological Survey (USGS) drilled a hole into the Williamsburg Formation and found lignite.

As discussed above, there are several possible sources of black particle material in your plumbing system. Based on the geology in this area including the presence of thick clay and marl layers, the black particle material is not coal or coal ash that has moved down from land surface into local private wells.

What is next?

DHEC would like to collect another metals sample from your house because copper and lead were found in your water above the state drinking water standard. This additional sample data may be useful to you when deciding how best to deal with the copper and lead in your water. We will contact you about a convenient time to collect that sample.

DHEC does not have the laboratory equipment needed to positively identify all of the particles that may be present in your plumbing system. DHEC will contact universities or other agencies that have the required equipment and see if they may be willing to help identify the particles.

To help you better understand the test results and how to use the enclosed brochure about drinking water, we would be happy to meet with you at your home or talk with you on the phone. To schedule a time to discuss this information, please contact Russell Berry at 843-846-1030 or Chuck Gorman at 803-898-3112.

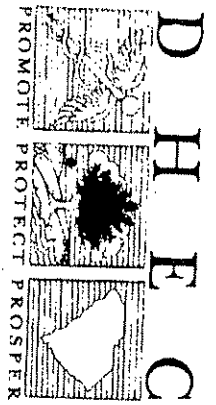
Sincerely,



Russell Berry, Director
Region 8 - Beaufort Office
Bureau of Environmental Services



Chuck Gorman, Director
Water Monitoring, Assessment and
Protection Division
Bureau of Water



Summary Table of Test Results

Maple Ridge Rd
 Walterboro, SC 29488

Water Samples

Date Collected	Before House Near Well October 20, 2009	In House (Sample 1) October 21, 2009	In House (Sample 2) October 21, 2009	EPA Primary or Secondary (*) Drinking Water Standard
Parameter				
Nitrate/ Nitrite	<0.020 mg/L	Not Tested	Not Tested	1.0 mg/L
Copper	<0.010 mg/L	0.12mg/L	17mg/L	1.3 mg/L *
Lead	<0.0020 mg/L	0.020mg/L	0.0035mg/L	0.015 mg/L
Hardness	40mg/L	40 mg/l	35mg/L	No Standard
PH	8.22	Not Tested	Not Tested	6.5-8.5*
Bacteria	Absent	Not Tested	Not Tested	Absent
Organic Compounds	Not Detected	Not Tested	Not Tested	Chemical Dependant

mg/L =milligrams per liter

Particle Sample

Date Collected	Before House Near Well
Parameter	October 21, 2009
Organic Compounds	Not Detected



Request for Metals and Minerals Analysis of an Individual Residential Well or Lake Drinking Water System

Laboratory Sample Number

AC60853

Charge Code: WSR I

INVESTIGATION

NOTE: For analysis of an individual residential well or lake system. NOT to be used for public water, or non-drinking water use. Please contact your water supplier or local EQC office of DHEC for these concerns. This report represents the quality of the sample as submitted to the DHEC Laboratory, and does not represent water quality for selling, mortgaging, or any other types of real estate purposes.

DATE COLLECTED: 10/20/09 COLLECTED BY: SUIT HAMMET TIME COLLECTED: 1130

MAILING ADDRESS (Results mailed here):

WELL INFORMATION (if known):

Name: [redacted] Age (yrs): [redacted] Depth: [redacted] Diameter (in): [redacted] Address: [redacted] MAPLE RIDGE RD Water Level (ft): [redacted] Casing Depth (ft): [redacted] City, State and Zip: WALTER BORG, SC 29488 Yield (gpm): [redacted] No. People Using Well: [redacted] County: COLLETON Phone: [redacted] Driller: [redacted]

SAMPLE ADDRESS (if different from mailing address):

COMMENTS:

Name: [redacted] Address: [redacted] City, State and Zip: [redacted] County: [redacted] Phone: () [redacted]

NITRATE FOR INFORMATION ONLY

Analysis Requested:

- Private Routine Analysis: Includes Lead, Alkalinity, pH, Nitrate/Nitrite, Calcium, Magnesium, Hardness, Chloride, Iron, Copper, Manganese and Zinc. \$50 FEE FOR THIS TEST
Fluoride: \$25 FEE FOR THIS TEST

Because required holding times and preservation techniques can not be met, the reported results are approximations and are intended for informational purposes only.

SAMPLE COLLECTION INSTRUCTIONS:

- 1. Let faucet flow for two to three minutes.
2. Rinse then fill container.
3. List name, address and the date and time of collection on the bottle.
4. Take sample to local County Health Department or EQC office on the same day of collection.
5. Results will be mailed to the address above in approximately 6-8 weeks.

DHEC USE ONLY

Other*: NITRATE METALS, BNA
Please consult local EQC office for any other analysis requested. (and fee charge)

DO NOT WRITE IN THIS SPACE - DHEC USE ONLY

The items listed below either exceed the recommended limits for drinking water or may cause problems with domestic use of the water supply. Please refer to the enclosed booklet for further information.

Reviewed By:

Phone: (803) 898-4300

District Laboratory Analyses:

pH (s.u.):
Alkalinity (ml/L):
Other (mg/L):

Received By: Health Department/Regional Lab

Date:
Name:
Received By: Central Lab

Date: 10/20/09 1600
Name: [Signature]

Released By: Health Department/Regional Lab

Date:
Name:
Released By: Central Lab

Date: 11-3-09
Name: [Signature]



South Carolina Department of Health and Environmental Control
Analytical Services Division Laboratory Report

Station Code: CWSR
Location Description: [REDACTED]
Matrix: WATER
County: COLLETON
Sample Type: GR3

Laboratory Sample Number: AC60853
Program Charge: WRI
Collected By: HAMMET S
Date of Collection: 10/20/2009
Time of Collection: 11:30:00 AM

Laboratory Sample Number: AC60853

Analysis	Result	Units	Method Reference
Nitrate/Nitrite	<0.020	mg/L	LACHAT 10107041C
Barium in Water	<0.050	mg/L	EPA 200.7
Calcium in Water	7.2	mg/L	EPA 200.7
Cobalt in Water	<0.020	mg/L	EPA 200.7
Chromium in Water	<0.0050	mg/L	EPA 200.7
Copper in Water	<0.010	mg/L	EPA 200.7
Hardness	40	mg/L	SM 2340C
Mercury in Water	<0.00020	mg/L	EPA 245.1
Magnesium in Water	5.4	mg/L	EPA 200.7
Manganese in Water	<0.010	mg/L	EPA 200.7
Nickel in Water	<0.020	mg/L	EPA 200.7
Vanadium in Water	<0.020	mg/L	EPA 200.7
Arsenic by graphite furnace (4100ZL)	<0.0050	mg/L	EPA 200.9
Cadmium by graphite furnace (4100ZL)	<0.00010	mg/L	EPA 200.9
Lead in drinking water	<0.0020	mg/L	EPA 200.9
Selenium by graphite furnace (4100ZL)	<0.0020	mg/L	EPA 200.9
Thallium by graphite furnace (4100ZL)	<0.00050	mg/L	EPA 200.9
1,2,4-trichlorobenzene	<0.0040	mg/L	EPA 625
1,2-dichlorobenzene	<0.0040	mg/L	EPA 625
1,3-dichlorobenzene	<0.0040	mg/L	EPA 625
1,4-dichlorobenzene	<0.0040	mg/L	EPA 625
2,4,5-trichlorophenol	<0.0040	mg/L	EPA 625
2,4,6-trichlorophenol	<0.0040	mg/L	EPA 625



South Carolina Department of Health and Environmental Control
Analytical Services Division Laboratory Report

Station Code: CWSR
Location Description: [REDACTED]
Matrix: WATER
County: COLLETON
Sample Type: GR3

Laboratory Sample Number: AC60853
Program Charge: WRI
Collected By: HAMMET S
Date of Collection: 10/20/2009
Time of Collection: 11:30:00 AM

2,4-dichlorophenol	<0.0040	mg/L	EPA 625
2,4-dimethyl phenol	<0.0040	mg/L	EPA 625
2,4-Dinitrophenol	<0.0040	mg/L	EPA 625
2,4-dinitrotoluene	<0.0040	mg/L	EPA 625
2,6-dinitrotoluene	<0.0040	mg/L	EPA 625
2-chloronaphthalene	<0.0040	mg/L	EPA 625
2-chlorophenol	<0.0040	mg/L	EPA 625
2-methyl naphthalene	<0.0040	mg/L	EPA 625
2-methyl-4,6-dinitrophenol	<0.0040	mg/L	EPA 625
2-methylphenol	<0.0040	mg/L	EPA 625
2-nitroaniline	<0.0040	mg/L	EPA 625
2-nitrophenol	<0.0040	mg/L	EPA 625
3,3'-dichlorobenzidine	<0.0040	mg/L	EPA 625
3-nitroaniline	<0.0040	mg/L	EPA 625
4-bromophenyl phenyl ether	<0.0040	mg/L	EPA 625
4-chloro-3 methyl phenol	<0.0040	mg/L	EPA 625
4-chloroaniline	<0.0040	mg/L	EPA 625
4-chlorophenyl phenyl ether	<0.0040	mg/L	EPA 625
4-methylphenol	<0.0040	mg/L	EPA 625
4-nitroaniline	<0.0040	mg/L	EPA 625
4-nitrophenol	<0.0040	mg/L	EPA 625
Acenaphthene	<0.0040	mg/L	EPA 625
Acenaphthylene	<0.0040	mg/L	EPA 625
Aniline	<0.0040	mg/L	EPA 625
Anthracene	<0.0040	mg/L	EPA 625



South Carolina Department of Health and Environmental Control
Analytical Services Division Laboratory Report

Station Code: CWSR
Location Description: [REDACTED]
Matrix: WATER
County: COLLETON
Sample Type: GR3

Laboratory Sample Number: AC60853
Program Charge: WRI
Collected By: HAMMET S
Date of Collection: 10/20/2009
Time of Collection: 11:30:00 AM

Azobenzene	<0.0040	mg/L	EPA 625
Benzo(a)anthracene	<0.0040	mg/L	EPA 625
Benzo(a)pyrene	<0.0040	mg/L	EPA 625
Benzo(b)fluoranthene	<0.0040	mg/L	EPA 625
Benzo(ghi)perylene	<0.0040	mg/L	EPA 625
Benzo(k)fluoranthene	<0.0040	mg/L	EPA 625
Benzoic acid	<0.0040	mg/L	EPA 625
Benzyl alcohol	<0.0040	mg/L	EPA 625
Bis(2-chloroethoxy)methane	<0.0040	mg/L	EPA 625
Bis(2-chloroethyl)ether	<0.0040	mg/L	EPA 625
Bis(2-chloroisopropyl)ether	<0.0040	mg/L	EPA 625
Bis(2-ethylhexyl)phthalate	<0.0040	mg/L	EPA 625
Butylbenzyl phthalate	<0.0040	mg/L	EPA 625
Chrysene	<0.0040	mg/L	EPA 625
Dibenzo(a,h)anthracene	<0.0040	mg/L	EPA 625
Dibenzofuran	<0.0040	mg/L	EPA 625
Diethyl phthalate	<0.0040	mg/L	EPA 625
Dimethyl phthalate	<0.0040	mg/L	EPA 625
Di-n-butylphthalate	<0.0040	mg/L	EPA 625
Di-n-octylphthalate	<0.0040	mg/L	EPA 625
Fluoranthene	<0.0040	mg/L	EPA 625
Fluorene	<0.0040	mg/L	EPA 625
Hexachlorobenzene	<0.0040	mg/L	EPA 625
Hexachlorobutadiene	<0.0040	mg/L	EPA 625
Hexachlorocyclopentadiene	<0.0040	mg/L	EPA 625



South Carolina Department of Health and Environmental Control
Analytical Services Division Laboratory Report

Station Code: CWSR

Location Description: [REDACTED]

Matrix: WATER

County: COLLETON

Sample Type: GR3

Laboratory Sample Number: AC60853

Program Charge: WRI

Collected By: HAMMET S

Date of Collection: 10/20/2009

Time of Collection: 11:30:00 AM

Hexachloroethane	<0.0040	mg/L	EPA 625
Indeno(1,2,3-cd)pyrene	<0.0040	mg/L	EPA 625
Isophorone	<0.0040	mg/L	EPA 625
Naphthalene	<0.0040	mg/L	EPA 625
Nitrobenzene	<0.0040	mg/L	EPA 625
N-nitrosodimethylamine	<0.0040	mg/L	EPA 625
N-nitrosodi-n-propylamine	<0.0040	mg/L	EPA 625
N-nitrosodiphenylamine	<0.0040	mg/L	EPA 625
Pentachlorophenol	<0.0040	mg/L	EPA 625
Phenanthrene	<0.0040	mg/L	EPA 625
Phenol	<0.0040	mg/L	EPA 625
Pyrene	<0.0040	mg/L	EPA 625

Sample Comments



South Carolina Department of Health and Environmental Control
Analytical Services Division Laboratory Report

Station Code: CWSR
Location Description: ██████████
Matrix: WATER
County: COLLETON
Sample Type: GR3

Laboratory Sample Number: AC61002
Program Charge: WRI
Collected By: HAMMET S
Date of Collection: 10/21/2009
Time of Collection: 11:45:00 AM

Laboratory Sample Number: AC61002

Analysis	Result	Units	Method Reference
Nitrate/Nitrite	<0.020	mg/L	LACHAT 10107041C

Sample Comments



South Carolina Department of Health and Environmental Control
Analytical Services Division Laboratory Report

Station Code: CWSR
Location Description: [REDACTED]
Matrix: WATER
County: COLLETON
Sample Type: GR3

Laboratory Sample Number: AC61003
Program Charge: WRI
Collected By: HAMMET S
Date of Collection: 10/21/2009
Time of Collection: 11:45:00 AM

Laboratory Sample Number: AC61003

Analysis	Result	Units	Method Reference
Barium in Water	<0.050	mg/L	EPA 200.7
Calcium in Water	7.1	mg/L	EPA 200.7
Cobalt in Water	<0.020	mg/L	EPA 200.7
Chromium in Water	<0.0050	mg/L	EPA 200.7
Copper in Water	0.12	mg/L	EPA 200.7
Hardness	40	mg/L	SM 2340C
Magnesium in Water	5.4	mg/L	EPA 200.7
Manganese in Water	<0.010	mg/L	EPA 200.7
Nickel in Water	<0.020	mg/L	EPA 200.7
Vanadium in Water	<0.020	mg/L	EPA 200.7
Arsenic by graphite furnace	<0.0050	mg/L	EPA 200.9
Cadmium by graphite furnace	<0.00010	mg/L	EPA 200.9
Lead in drinking water	0.020	mg/L	EPA 200.9
Selenium by graphite furnace	<0.0020	mg/L	EPA 200.9
Thallium by graphite furnace	<0.00050	mg/L	EPA 200.9

Sample Comments



South Carolina Department of Health and Environmental Control
Analytical Services Division Laboratory Report

Station Code: CWSR
Location Description: [REDACTED]
Matrix: WATER
County: COLLETON
Sample Type: GR3

Laboratory Sample Number: AC61004
Program Charge: WRI
Collected By: HAMMET S
Date of Collection: 10/21/2009
Time of Collection: 11:45:00 AM

Laboratory Sample Number: AC61004

Analysis	Result	Units	Method Reference
Barium in Water	<0.050	mg/L	EPA 200.7
Calcium in Water	6.0	mg/L	EPA 200.7
Cobalt in Water	<0.020	mg/L	EPA 200.7
Chromium in Water	<0.0050	mg/L	EPA 200.7
Copper in Water	17	mg/L	EPA 200.7
Hardness	35	mg/L	SM 2340C
Magnesium in Water	4.8	mg/L	EPA 200.7
Manganese in Water	<0.010	mg/L	EPA 200.7
Nickel in Water	<0.020	mg/L	EPA 200.7
Vanadium in Water	<0.020	mg/L	EPA 200.7
Arsenic by graphite furnace	<0.0050	mg/L	EPA 200.9
Cadmium by graphite furnace	<0.00010	mg/L	EPA 200.9
Lead in drinking water	0.0035	mg/L	EPA 200.9
Selenium by graphite furnace	<0.0020	mg/L	EPA 200.9
Thallium by graphite furnace	<0.00050	mg/L	EPA 200.9

Sample Comments



South Carolina Department of Health and Environmental Control
Analytical Services Division Laboratory Report

Station Code: CWSR
Location Description: XXXXXXXXXX
Matrix: PARTICULATE
County: COLLETON
Sample Type: GR3

Laboratory Sample Number: AC61029
Program Charge: WRI
Collected By: HAMMET S
Date of Collection: 10/21/2009
Time of Collection: 11:45:00 AM

Laboratory Sample Number: AC61029

Analysis	Result	Units	Method Reference
1,2,4-trichlorobenzene	<10	mg/L	EPA 625
1,2-dichlorobenzene	<10	mg/L	EPA 625
1,3-dichlorobenzene	<10	mg/L	EPA 625
1,4-dichlorobenzene	<10	mg/L	EPA 625
2,4,5-trichlorophenol	<10	mg/L	EPA 625
2,4,6-trichlorophenol	<10	mg/L	EPA 625
2,4-dichlorophenol	<10	mg/L	EPA 625
2,4-dimethyl phenol	<10	mg/L	EPA 625
2,4-Dinitrophenol	<10	mg/L	EPA 625
2,4-dinitrotoluene	<10	mg/L	EPA 625
2,6-dinitrotoluene	<10	mg/L	EPA 625
2-chloronaphthalene	<10	mg/L	EPA 625
2-chlorophenol	<10	mg/L	EPA 625
2-methyl naphthalene	<10	mg/L	EPA 625
2-methyl-4,6-dinitrophenol	<10	mg/L	EPA 625
2-methylphenol	<10	mg/L	EPA 625
2-nitroaniline	<10	mg/L	EPA 625
2-nitrophenol	<10	mg/L	EPA 625
3,3'-dichlorobenzidine	<10	mg/L	EPA 625
3-nitroaniline	<10	mg/L	EPA 625
4-bromophenyl phenyl ether	<10	mg/L	EPA 625
4-chloro-3 methyl phenol	<10	mg/L	EPA 625
4-chloroaniline	<10	mg/L	EPA 625



South Carolina Department of Health and Environmental Control
Analytical Services Division Laboratory Report

Station Code: CWSR

Location Description: ██████████

Matrix: PARTICULATE

County: COLLETON

Sample Type: GR3

Laboratory Sample Number: AC61029

Program Charge: WRI

Collected By: HAMMET S

Date of Collection: 10/21/2009

Time of Collection: 11:45:00 AM

4-chlorophenyl phenyl ether	<10	mg/L	EPA 625
4-methylphenol	<10	mg/L	EPA 625
4-nitroaniline	<10	mg/L	EPA 625
4-nitrophenol	<10	mg/L	EPA 625
Acenaphthene	<10	mg/L	EPA 625
Acenaphthylene	<10	mg/L	EPA 625
Aniline	<10	mg/L	EPA 625
Anthracene	<10	mg/L	EPA 625
Azobenzene	<10	mg/L	EPA 625
Benzo(a)anthracene	<10	mg/L	EPA 625
Benzo(a)pyrene	<10	mg/L	EPA 625
Benzo(b)fluoranthene	<10	mg/L	EPA 625
Benzo(ghi)perylene	<10	mg/L	EPA 625
Benzo(k)fluoranthene	<10	mg/L	EPA 625
Benzoic acid	<10	mg/L	EPA 625
Benzyl alcohol	<10	mg/L	EPA 625
Bis(2-chloroethoxy)methane	<10	mg/L	EPA 625
Bis(2-chloroethyl)ether	<10	mg/L	EPA 625
Bis(2-chloroisopropyl)ether	<10	mg/L	EPA 625
Bis(2-ethylhexyl)phthalate	<10	mg/L	EPA 625
Butylbenzyl phthalate	<10	mg/L	EPA 625
Chrysene	<10	mg/L	EPA 625
Dibenzo(a,h)anthracene	<10	mg/L	EPA 625
Dibenzofuran	<10	mg/L	EPA 625
Diethyl phthalate	<10	mg/L	EPA 625



South Carolina Department of Health and Environmental Control
Analytical Services Division Laboratory Report

Station Code: CWSR
Location Description: [REDACTED]
Matrix: PARTICULATE
County: COLLETON
Sample Type: GR3

Laboratory Sample Number: AC61029
Program Charge: WRI
Collected By: HAMMET S
Date of Collection: 10/21/2009
Time of Collection: 11:45:00 AM

Dimethyl phthalate	<10	mg/L	EPA 625
Di-n-butylphthalate	<10	mg/L	EPA 625
Di-n-octylphthalate	<10	mg/L	EPA 625
Fluoranthene	<10	mg/L	EPA 625
Fluorene	<10	mg/L	EPA 625
Hexachlorobenzene	<10	mg/L	EPA 625
Hexachlorobutadiene	<10	mg/L	EPA 625
Hexachlorocyclopentadiene	<10	mg/L	EPA 625
Hexachloroethane	<10	mg/L	EPA 625
Indeno(1,2,3-cd)pyrene	<10	mg/L	EPA 625
Isophorone	<10	mg/L	EPA 625
Naphthalene	<10	mg/L	EPA 625
Nitrobenzene	<10	mg/L	EPA 625
N-nitrosodimethylamine	<10	mg/L	EPA 625
N-nitrosodi-n-propylamine	<10	mg/L	EPA 625
N-nitrosodiphenylamine	<10	mg/L	EPA 625
Pentachlorophenol	<10	mg/L	EPA 625
Phenanthrene	<10	mg/L	EPA 625
Phenol	<10	mg/L	EPA 625
Pyrene	<10	mg/L	EPA 625

Sample Comments



South Carolina Department of Health and Environmental Control
Analytical Services Division Laboratory Report

Station Code: CWSR
Location Description: [REDACTED]
Matrix: PARTICULATE
County: COLLETON
Sample Type: GR3

Laboratory Sample Number: AC61027
Program Charge: WRI
Collected By: HAMMET S
Date of Collection: 10/21/2009
Time of Collection: 1:30:00 PM

Dimethyl phthalate	<10	mg/kg	EPA 625
Di-n-butylphthalate	<10	mg/kg	EPA 625
Di-n-octylphthalate	<10	mg/kg	EPA 625
Fluoranthene	<10	mg/kg	EPA 625
Fluorene	<10	mg/kg	EPA 625
Hexachlorobenzene	<10	mg/kg	EPA 625
Hexachlorobutadiene	<10	mg/kg	EPA 625
Hexachlorocyclopentadiene	<10	mg/kg	EPA 625
Hexachloroethane	<10	mg/kg	EPA 625
Indeno(1,2,3-cd)pyrene	<10	mg/kg	EPA 625
Isophorone	<10	mg/kg	EPA 625
Naphthalene	<10	mg/kg	EPA 625
Nitrobenzene	<10	mg/kg	EPA 625
N-nitrosodimethylamine	<10	mg/kg	EPA 625
N-nitrosodi-n-propylamine	<10	mg/kg	EPA 625
N-nitrosodiphenylamine	<10	mg/kg	EPA 625
Pentachlorophenol	<10	mg/kg	EPA 625
Phenanthrene	<10	mg/kg	EPA 625
Phenol	<10	mg/kg	EPA 625
Pyrene	<10	mg/kg	EPA 625

COE

Sample Comments



South Carolina Department of Health and Environmental Control
Analytical Services Division Laboratory Report

Station Code: CWSR
Location Description: [REDACTED]
Matrix: PARTICULATE
County: COLLETON
Sample Type: GR3

Laboratory Sample Number: AC61027
Program Charge: WRI
Collected By: HAMMET S
Date of Collection: 10/21/2009
Time of Collection: 1:30:00 PM

Laboratory Sample Number: AC61027

Analysis	Result	Units	Method Reference
1,2,4-trichlorobenzene	<10	mg/kg	EPA 625
1,2-dichlorobenzene	<10	mg/kg	EPA 625
1,3-dichlorobenzene	<10	mg/kg	EPA 625
1,4-dichlorobenzene	<10	mg/kg	EPA 625
2,4,5-trichlorophenol	<10	mg/kg	EPA 625
2,4,6-trichlorophenol	<10	mg/kg	EPA 625
2,4-dichlorophenol	<10	mg/kg	EPA 625
2,4-dimethyl phenol	<10	mg/kg	EPA 625
2,4-Dinitrophenol	<10	mg/kg	EPA 625
2,4-dinitrotoluene	<10	mg/kg	EPA 625
2,6-dinitrotoluene	<10	mg/kg	EPA 625
2-chloronaphthalene	<10	mg/kg	EPA 625
2-chlorophenol	<10	mg/kg	EPA 625
2-methyl naphthalene	<10	mg/kg	EPA 625
2-methyl-4,6-dinitrophenol	<10	mg/kg	EPA 625
2-methylphenol	<10	mg/kg	EPA 625
2-nitroaniline	<10	mg/kg	EPA 625
2-nitrophenol	<10	mg/kg	EPA 625
3,3'-dichlorobenzidine	<10	mg/kg	EPA 625
3-nitroaniline	<10	mg/kg	EPA 625
4-bromophenyl phenyl ether	<10	mg/kg	EPA 625
4-chloro-3 methyl phenol	<10	mg/kg	EPA 625
4-chloroaniline	<10	mg/kg	EPA 625

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South Carolina Department of Health and Environmental Control
Analytical Services Division Laboratory Report

Station Code: CWSR
Location Description: [REDACTED]
Matrix: PARTICULATE
County: COLLETON
Sample Type: GR3

Laboratory Sample Number: AC61027
Program Charge: WRI
Collected By: HAMMET S
Date of Collection: 10/21/2009
Time of Collection: 1:30:00 PM

4-chlorophenyl phenyl ether	<10	mg/kg	EPA 625
4-methylphenol	<10	mg/kg	EPA 625
4-nitroaniline	<10	mg/kg	EPA 625
4-nitrophenol	<10	mg/kg	EPA 625
Acenaphthene	<10	mg/kg	EPA 625
Acenaphthylene	<10	mg/kg	EPA 625
Aniline	<10	mg/kg	EPA 625
Anthracene	<10	mg/kg	EPA 625
Azobenzene	<10	mg/kg	EPA 625
Benzo(a)anthracene	<10	mg/kg	EPA 625
Benzo(a)pyrene	<10	mg/kg	EPA 625
Benzo(b)fluoranthene	<10	mg/kg	EPA 625
Benzo(ghi)perylene	<10	mg/kg	EPA 625
Benzo(k)fluoranthene	<10	mg/kg	EPA 625
Benzoic acid	<10	mg/kg	EPA 625
Benzyl alcohol	<10	mg/kg	EPA 625
Bis(2-chloroethoxy)methane	<10	mg/kg	EPA 625
Bis(2-chloroethyl)ether	<10	mg/kg	EPA 625
Bis(2-chloroisopropyl)ether	<10	mg/kg	EPA 625
Bis(2-ethylhexyl)phthalate	<10	mg/kg	EPA 625
Butylbenzyl phthalate	<10	mg/kg	EPA 625
Chrysene	<10	mg/kg	EPA 625
Dibenzo(a,h)anthracene	<10	mg/kg	EPA 625
Dibenzofuran	<10	mg/kg	EPA 625
Diethyl phthalate	<10	mg/kg	EPA 625

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