

2012 JUN 20 AM 10:27

BUREAU OF PUBLIC WATER SUPPLY
CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT
CERTIFICATION FORM

Southeast Greene Water Authority
 Public Water Supply Name

210012
 List PWS ID #s for all Water Systems Covered by this CCR

The Federal Safe Drinking Water Act requires each *community* public water system to develop and distribute a consumer confidence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.

Please Answer the Following Questions Regarding the Consumer Confidence Report

- Customers were informed of availability of CCR by: (*Attach copy of publication, water bill or other*)
- Advertisement in local paper
 On water bills
 Other _____

Date customers were informed: 5/16/12

- CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:

Date Mailed/Distributed: / /

- CCR was published in local newspaper. (*Attach copy of published CCR or proof of publication*)

Name of Newspaper: Greene County Herald

Date Published: 5/16/12

- CCR was posted in public places. (*Attach list of locations*) S.G.W.A.

Date Posted: 5/16/12

- CCR was posted on a publicly accessible internet site at the address: www. _____

CERTIFICATION

I hereby certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in the form and manner identified above. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply.

John Edwards
 Name/Title (President, Mayor, Owner, etc.)

5-16-12
 Date

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215
 Phone: 601-576-7518

RECEIVED - WATER SUPPLY
2012 JUN 20 AM 10: 27

2011 Annual Drinking Water Quality Report
Southeast Greene Water Authority
PWS#: 0210012
May 2012

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from two wells drawing from the Miocene Series and Catahoula Formation Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Southeast Greene Water Authority have received moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Connie Yturri at 601-947-9044. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the second Tuesday of each month at 2:00 PM at the Southeast Greene Water Authority office.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2011. In cases where monitoring wasn't required in 2011, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal"(MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								

10. Barium	N	2011	.010	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2011	.641	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
19. Nitrate (as Nitrogen)	N	2011	.16	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Disinfection By-Products								
82. TTHM [Total trihalomethanes]	N	2008*	4.41	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2011	1.6	1.30 – 1.95	ppm	0	MDRL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2011.

As you can see by the table, our system had no contaminant violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

*******A MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING*******

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007 – December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological health laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice. Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. This is to notify you that as of this date, your water system has not completed the monitoring requirements. The Bureau of Public Water Supply has taken action to ensure that your water system be returned to compliance by March 31, 2013. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601.576.7518.

The Southeast Greene Water Authority works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

PROOF OF PUBLICATION

STATE OF MISSISSIPPI
COUNTY OF GREENE

Personally appeared before me, the authority, in and for the State and County aforesaid, GEORGE R. TURNER, who being duly sworn, on his oath deposes and states that he is the owner/publisher of the Greene County Herald, a newspaper published in the Town of Leakesville, County of Greene, State of Mississippi, and having a general circulation in Greene County, Mississippi,

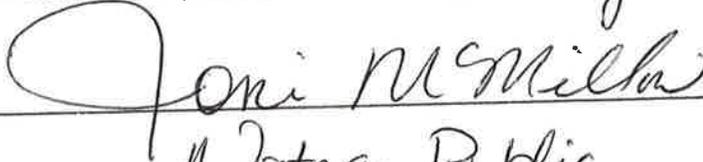
Volume 114 No. 3 Dated 17th Day of May, 2012
Volume _____ No. _____ Dated _____ Day of _____, 2012
Volume _____ No. _____ Dated _____ Day of _____, 2012
Volume _____ No. _____ Dated _____ Day of _____, 2012
Volume _____ No. _____ Dated _____ Day of _____, 2012

And I hereby certify that the several numbers of the newspapers containing the notice hereto attached, have been before me exhibited and examined, and I find publication thereof to have been correctly made as stated.



EDITOR

Sworn to and subscribed before me, this 17th day of May, A.D., 2012



Notary Public

My Commission expires: November 3, 2015



2011 Annual Drinking Water Quality Report

Southeast Greene Water Authority

P.W.S. ID: 0210012

May 2012

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MISSISSIPPI STATE DEPARTMENT OF HEALTH

IMMEDIATE RESPONSE REQUIRED

TO: Community Public Water Supply Officials
FROM: Melissa Parker, Deputy Director
Bureau of Public Water Supply
RE: 2012 Annual Water Supply Mailout
DATE: December 7, 2011

Enclosed are the materials necessary to update your 2012 public water supply information for our records. **Please share this with your certified waterworks operator.** It will not be mailed separately to him. In addition, we have included important information related to water sample packaging and submission requirements.

• **Annual Report**

You will notice this form has not been preprinted with information regarding your system. This form was updated to capture all of the information required by our office to send out correspondence, sampling kits and sample results. **Please note that our current data system limits each individual to one address and phone number.** For example, when completing the Legally Responsible Official information, the mayor/board president cannot list multiple addresses for the multiple systems he is associated with. Reports submitted with incomplete information will be returned. Please complete ALL sections and retain the yellow copy for your records. **The annual report form deadline is January 16, 2012.**

• **Additional Instructions for Metered and Unmetered Connections**

Refer to these instructions when completing the "Connection" information on the Annual Report.

• **Board Member Training Form**

This form must be completed to identify the members of your governing board (i.e., Board of Directors, City Council and Board of Alderman). The information on this form is used to ensure that board members obtain the 8 hours of management training now required by Section 41-26-101 of the MS Safe Drinking Water Act. **Those not governed by a board are not required to complete this form. Systems operated by municipalities with a population greater than 10,000 are not required to complete this form.**

• **Operator Training/Planning Calendar**

The Waterworks Operator Training/Planning Calendar may be found on the MSDH website at www.msdh.state.ms.us. Click on calendars. The calendar contains dates and times for trainings offered to operators or individuals seeking certification. Always check with the training providers to confirm dates and times.

• **Separate Mailing of Operator Data Form**

A **separate packet** has been mailed to all certified operators in the state. It includes a Waterworks Operator Annual Data Form which is also due January 16, 2012. Please remember if you are both an operator and a legally responsible official our data system limits an individual to a single mailing address.

Should you have any questions or need any assistance, please contact our office at 601-576-7518.