

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 Editor/General Manager 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.

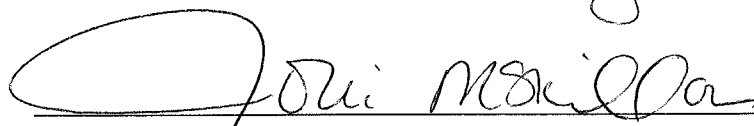
Volume 119 No. 2 Dated 4th Day of May, 2017
Volume _____ No. _____ Dated _____ Day of _____, 2017
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And I hereby certify that the several numbers of the newspapers containing the notice hereto attached, have been before me exhibited and examined, and I find publication thereof to have been correctly made as stated.



EDITOR

Sworn to and subscribed before me, this 4th day of May, A.D., 2017.



Notary Public

My Commission expires: November 9, 2019

2016 Annual Drinking Water Quality Report

Southwest Greene Water Authority

PWS #0210012

April 2017

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 Micoans Series and Calahoula 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 identify potential sources of contamination. 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 Southwest Greene Water Authority have received moderate susceptibility ranking to contamination. If you have any questions about this report or concerning your water utility, please contact Judy McLeod 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 Monday of each month, at 5:00 p.m., at the Southwest 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, 2016. In cases where monitoring wasn't required in 2016 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 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 regulators 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 \$10,000,000.

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/MCL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								

10. Barium	N	2014*	.0097	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.
13. Chromium	N	2014*	2.3	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits.
17. Lead	N	2012/2014*	2	0	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits.
19. Nitrate (as Nitrogen)	N	2016	.19	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits.
Disinfection By-Products								
Chlorine	N	2016	1.5	5-1.0	mg/l	0	MDRL = 4	Water Additive used to control microbes

* Most recent sample. No sample required for 2016.

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 requirement for bacteriological sampling that showed no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any mislabeled 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 system 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 (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 infection. 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 (800)426-4791.

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.

2016 Annual Drinking Water Quality Report
 Southeast Greene Water Authority
 PWS#: 0210012
 April 2017

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