

2012 JUN 28 AM 9: 27

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

Town of Boyle
Public Water Supply Name

0060004
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: 6/5/12

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

Date Mailed/Distributed: 1/1

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

Name of Newspaper: The Bolivar Commercial

Date Published: 6/5/12

CCR was posted in public places. *(Attach list of locations)*

Date Posted: 1/1

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.

Joe W Reed
Name/Title (President, Mayor, Owner, etc.)

6/27/12
Date

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

2011 Annual Drinking Water Quality Report
Town of Boyle
PWS#: 0060004
May 2012

2012 JUN 28 AM 9:27

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 wells drawing from the Meridian Upper Wilcox 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. 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 Town of Boyle have received lower to moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Keith Christopher at 662.721.7098. 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 first Tuesday of the month at 5:30 PM at town hall.

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/MRDL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
10. Barium	N	2011	.012	.005 - .012	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2009*	.9	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

16. Fluoride	N	2011	.566	.269 - .566	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2009*	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Volatile Organic Contaminants								
76. Xylenes	N	2011	.0005	No Range	ppm	10	10	Discharge from petroleum factories; discharge from chemical factories
Disinfection By-Products								
81. HAA5	N	2011	5	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2011	3.94	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2011	1.3	75- 1.79	ppm	0	MRDL = 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 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. 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>. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

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 suppliers 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 Town of Boyle 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

2012 JUN 28 AM 9: 27

STATE OF MISSISSIPPI,
COUNTY OF BOLIVAR.

Personally appeared before me, the undersigned authority in and for the County of Bolivar, State of Mississippi, MARK S. WILLIAMS, Publisher of THE BOLIVAR COMMERCIAL, daily newspaper and published in the City of Cleveland, in said Country and State who, on oath, deposes and says that The Bolivar Commercial is a newspaper as defined and prescribed in Senate Bill No. 203 enacted at the regular session of the Mississippi Legislature of 1948, amending Section 1958 of the Miss. Code of 1942, and that the publication of which the instrument annexed is a true copy, was published in said paper, to wit:

In Volume 96 No. 90 Dated June 5 20 12
 In Volume _____ No. _____ Dated _____ 20 _____
 In Volume _____ No. _____ Dated _____ 20 _____
 In Volume _____ No. _____ Dated _____ 20 _____
 In Volume _____ No. _____ Dated _____ 20 _____
 In Volume _____ No. _____ Dated _____ 20 _____

and that said newspaper "has been established for at least twelve months next prior to the first publication" of this notice.

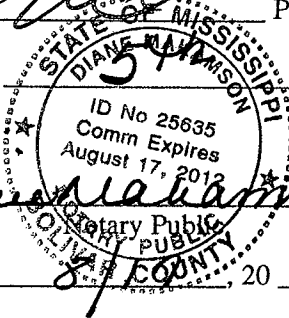
Mark S. Williams
 _____ Publisher

Sworn to and subscribed before me this the _____

day of June, 20 12.

Diane M. Hanson

 Notary Public
 BOLIVAR COUNTY



My Commission expires _____, 20 12

Publishers's Fee \$ _____.

<p>Volatile Organic Contaminant</p>									
<p>Distillation By Product</p>									
<p>Chloride</p>									
<p>Other</p>									

As you can see by the table, our system has no violations. We are in full compliance with all Federal and State requirements. We are happy to provide you with a copy of our monitoring records. However, the EPA has determined that there is a small amount of lead in our water.

We are required to monitor your drinking water by specific contaminants on a monthly basis. Results of regular monitoring are to indicate whether or not your drinking water meets state standards. In order for your system to pass all monitoring requirements, each new batch of water must be tested for lead only in the first 30 days of the monitoring period.

It is important to know that lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components used in service lines and home plumbing. Our water treatment processes are designed to protect the public from lead in drinking water. However, in some cases, lead can leach from old pipes and solder into drinking water. This lead is not removed by our water treatment processes. The only way to reduce lead in your water is to use a lead-reducing water filter. Information on lead in drinking water is available on the Safe Drinking Water Board's website at www.sdwf.org.

At Boyle's Water Treatment Plant, we use a continuous monitoring system to detect when lead levels are high. These situations are immediately reported to the public. If you are concerned about lead in your drinking water, you should use filtered water. It is important to know that lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components used in service lines and home plumbing. Our water treatment processes are designed to protect the public from lead in drinking water. However, in some cases, lead can leach from old pipes and solder into drinking water. This lead is not removed by our water treatment processes. The only way to reduce lead in your water is to use a lead-reducing water filter. Information on lead in drinking water is available on the Safe Drinking Water Board's website at www.sdwf.org.

FOR A MESSAGE FROM BOYLE CONCERNING RADIOLOGICAL SAMPLING

In accordance with the Radiological Control Act, the Town of Boyle is required to provide you with information regarding the results of our radiological monitoring. The results of our monitoring are available on our website at www.boylevt.com. We are committed to providing you with the highest quality water possible. We are also committed to providing you with the most accurate information possible. We are happy to provide you with a copy of our monitoring records. However, the EPA has determined that there is a small amount of lead in our water.

The Town of Boyle works to provide the highest quality water possible. We are committed to providing you with the most accurate information possible. We are happy to provide you with a copy of our monitoring records. However, the EPA has determined that there is a small amount of lead in our water.

2012 JUN 27 PM 2:06

Contaminant (units)	Sample Date	Year Water	# of Sites found above the AL	MCLG	MCL	Likely Source of Contamination
Copper (ppm) (90 th percentile)	2009/11	0.1	0	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (ppb) (90 th percentile)	2009/11	2	0	0	AL=1.5	Corrosion of household plumbing systems, erosion of natural deposits

Disinfectants and Disinfection Byproduct Contaminants						
Contaminant (units)	MCL/MRDL Violation Y/N	Year Water (AVG)	Range Low High	MCLG	MCL	Likely Source of Contamination
HAAs (ppb) [Total Haloacetic Acids]	N	6	NO RANGE	N/A	60	By-product of drinking water disinfection
Chlorine (ppm)	N	0.50	0.47 - 0.61	MRDLG = 4	MRDL = 4	Water additive used to control microbes

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any samples prior to the end of the monitoring 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. The Town of Vaiden 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>. The Mississippi State Department of Health Public Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

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 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 (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 trans-

plants, 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 (800-426-4791).

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The Town of Vaiden 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.

This report is being published in the local newspaper and shall not be delivered as an individual mail out. However copies of this report are available and may be obtained from the contact info included in this report.