



2011 JUN 15 AM 9:39

MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

Boyle Skene Water
Public Water Supply Name

0060044 0060047 0060050 0060051
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.

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: 6/10/11

- 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: Bolivar Commercial
Date Published: 6/10/11

- CCR was posted in public places. (Attach list of locations)
Date Posted: / /

- 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.

Lee Savon, Sec
Name/Title (President, Mayor, Owner, etc.)

6-10-11
Date

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



<b>Inorganic Contaminants</b>								
10. Barium	N	2008*	.002	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2008*	.3	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2008*	.266	.256 - .266	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008*	3	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2008*	.692	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines

<b>Disinfection By-Products</b>								
81. HAA5	N	2008*	7	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2008*	5	1.06 – 8.61	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2010	.49	.49-.54	ppm	0	MDRL = 4	Water additive used to control microbes

**PWS ID # 0060047 TEST RESULTS**

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
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<b>Inorganic Contaminants</b>								
10. Barium	N	2008*	.002	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2008*	.7	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2008*	.283	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008*	12	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2008*	1.4	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines

<b>Disinfection By-Products</b>								
82. TTHM [Total trihalomethanes]	N	2008*	2.03	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2010	.45	.45 - .51	ppm	0	MDRL = 4	Water additive used to control microbes

<b>PWS ID # 0060050</b>									<b>TEST RESULTS</b>								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure-ment	MCLG	MCL	Likely Source of Contamination									
<b>Inorganic Contaminants</b>																	
10. Barium	N	2008*	.002	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits									
14. Copper	N	2008*	.7	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives									
16. Fluoride	N	2008*	.288	.282 - .288	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories									
17. Lead	N	2008*	4	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits									
21. Selenium	N	2008*	1.1	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines									
<b>Disinfection By-Products</b>																	
81. HAA5	N	2008*	6	No Range	ppb	0	60	By-Product of drinking water disinfection.									
82. TTHM [Total trihalomethanes]	N	2008*	1.91	No Range	ppb	0	80	By-product of drinking water chlorination.									
Chlorine	N	2010	.42	.42 - .50	ppm	0	MDRL = 4	Water additive used to control microbes									

<b>PWS ID # 0060051</b>									<b>TEST RESULTS</b>								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure-ment	MCLG	MCL	Likely Source of Contamination									
<b>Inorganic Contaminants</b>																	
10. Barium	N	2008*	.006	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits									
14. Copper	N	2009*	.5	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives									
16. Fluoride	N	2008*	.32	.28 - .32	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories									
17. Lead	N	2009*	7	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits									
21. Selenium	N	2008*	1.3	1.1 - 1.3	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines									
<b>Disinfection By-Products</b>																	
82. TTHM [Total trihalomethanes]	N	2008*	1.87	No Range	ppb	0	80	By-product of drinking water chlorination.									
Chlorine	N	2010	.46	.46 - .52	ppm	0	MDRL = 4	Water additive used to control microbes									

*\* Most recent sample. No sample required for 2010.*

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. 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>. 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.

The Boyle Skene Water Association 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.

## 2010 Annual Drinking Water Quality Report

### Boyle Skene Water Association

**PWS#: 0060044, 0060047, 0060050 & 0060051**

**May 2011**

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 Sparta Sand Formation Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of the drinking water supply to identified potential sources of contamination. The greatest 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 Boyle Skene Water Association have received moderate susceptibility rankings to contamination.

If you have any questions about this report or receiving your water utility, please contact Mike Torres at 662.538.7061. We want our valued customers to be informed about their water utility. If you want to learn more, please attend a special meeting being held on June 21 at 4:00 pm at the office located at 803 North Croftman.

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, 2010. In cases where monitoring wasn't required in 2010, the table reflects the most recent results. As water travels over the surface of land or underground, it encounters 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, may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife. Inorganic contaminants, such as nitrates, 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 constituent 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:

**Actual 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 highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLs as feasible using the best available treatment technology.

**Maximum Contaminant Level Goal (MCLG)** - 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 of microbial contamination.

**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 contamination.

**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.

PWS ID # 0060044									
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/MCLG	Unit Measurement	MCLG	MCL	Likely Source of Contamination	
								MCLG	MCL
<b>Inorganic Contaminants</b>									
10. Barium	N	2008*	.002	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits	
14. Copper	N	2008*	3	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives	
16. Fluoride	N	2008*	.266	.250 - .266	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum facilities	
17. Lead	N	2008*	3	0	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits	
21. Selenium	N	2008*	.692	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines	
<b>Disinfection By-Products</b>									
41. HFAO	N	2008*	7	No Range	ppb	0	50	By-product of drinking water disinfection	
22. THM4 (Total Trihalomethanes)	N	2008*	5	1.00 - 8.03	ppb	0	50	By-product of drinking water disinfection	
Chloramine	N	2010	49	49-54	ppm	0	MDRL = 4	Water additive used to control microbes	

PWS ID # 0060047									
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/MCLG	Unit Measurement	MCLG	MCL	Likely Source of Contamination	
								MCLG	MCL
<b>Inorganic Contaminants</b>									
10. Barium	N	2008*	.002	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits	
14. Copper	N	2008*	7	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives	
16. Fluoride	N	2008*	.203	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum facilities	
17. Lead	N	2008*	12	0	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits	
				No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits	

Disinfection By-Products									
82. THM (Total Trihalomethane)	N	2008	2.00	No Range	ppb	0	60	By-product of drinking water disinfection.	
Chlorine	N	2010	45	45 - 61	ppm	0	MDRL = 4	Water additive used to control microbes.	

PWS ID # 0060050 TEST RESULTS									
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/MCLG	Unit Measurement	MCLG	MCL	Likely Source of Contamination	
<b>Inorganic Contaminants</b>									
10. Barium	N	2008	.002	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.	
14. Copper	N	2008	.7	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.	
16. Fluoride	N	2008	.288	.280 - .288	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories.	
17. Lead	N	2008	4	0	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits.	
21. Selenium	N	2008	1.1	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mine.	

Disinfection By-Products									
82. THM (Total Trihalomethane)	N	2008	1.01	No Range	ppb	0	60	By-product of drinking water disinfection.	
Chlorine	N	2010	42	42 - 50	ppm	0	MDRL = 4	Water additive used to control microbes.	

PWS ID # 0060051 TEST RESULTS									
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/MCLG	Unit Measurement	MCLG	MCL	Likely Source of Contamination	
<b>Inorganic Contaminants</b>									
10. Barium	N	2008	.000	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.	
14. Copper	N	2008	.5	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.	
16. Fluoride	N	2008	.32	.28 - .32	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories.	
17. Lead	N	2008	.7	0	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits.	
21. Selenium	N	2008	1.3	1.1 - 1.3	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mine.	

Disinfection By-Products									
82. THM (Total Trihalomethane)	N	2008	1.67	No Range	ppb	0	60	By-product of drinking water disinfection.	
Chlorine	N	2010	48	46 - 52	ppm	0	MDRL = 4	Water additive used to control microbes.	

\*Most recent sample. No sample required for 2010.

As you see on 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 contaminants 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 do sample for 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.

In recent, 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 can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking, available from the State Drinking Water Hotline or at <http://www.epa.gov/leadwater/lead>. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 661-576-1582 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 microbial, 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. Immunocompromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with kidneys 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.

The Big Lake Water Association works hard 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**  
2011 JUN 15 AM 9:39

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 County 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 95 No. 94 Dated June 10 20 11
- 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 11

*David M. Johnson*

My Commission expires 8/17 20 12  
Publishers's Fee \$ \_\_\_\_\_