

**Annual Drinking Water Quality Report**  
**Highpoint Water Association**  
 PWS ID#: 0800011  
 June 2009

We're pleased to present to you this year's Annual Water Quality 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 three wells, pumping from the Lower Wilcox aquifer.

**Well #**                      **Location**  
 800011-01                    Approximately 3 miles northwest of Louisville on highway 15  
 800011-02                    Approximately 3 miles northwest of Louisville on highway 15  
 800011-03                    Approximately 4 miles northwest of Louisville on Goss Road

Our source water assessment has been completed and rated as moderate. Copies of this assessment will be available at our office. I'm pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Jerry Pearson at 662-773-3282. 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 last Thursday of each quarter at 7:30 p.m. at Mrs. Joyce Hull's home at 4350 Highway 15 North, Louisville, MS 39339.

Highpoint Water Association routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2009. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. 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 pose 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:

**Non-Detects (ND)** - laboratory analysis indicates that the constituent is not present.

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

**Treatment Technique (TT)** - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

**Maximum Contaminant Level** - 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** - 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.

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA and the Mississippi State Department of Health requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants does not change frequently. Some of the data though representative of the water quality, may be more than one year old.

**TEST RESULTS**

Contaminant	Violations Y/N	Date Collected	Level Detected	Range of Detections of Samples Exceeding MCL/GAL	Unit Measurement	MCLG (ppm)	MCL (mg/l)	Likely Source of Contamination
<b>Microbiological Contaminants</b>								
1. Total Coliform Bacteria	N	2009				0	0	presence of coliform bacteria in 5% of monthly samples
<b>Radioactive Contaminants</b>								
4. Radium/ radon	N	2009	1.9	No Range	PC/M	0	50	Decay of natural rad made deposits
5. Alpha emitters	N	2009	ND	No Range	PC/T	0	15	Erosion of natural deposits
<b>Inorganic Contaminants</b>								
7. Arsenic	N	2009	<0.0005 ppm	0			6	Discharge from petroleum refineries, fire retardants, solder
8. Asbestos	N	2009	<0.0005 ppm	0			nda	Erosion of natural deposits, runoff from roads, asbestos production

10. Barium	N	2009	0.027560 ppm	0				2
11. Beryllium	N	2009	<0.0001 ppm	0				4
12. Cadmium	N	2009	<0.0001 ppm	0				5
13. Chromium	N	2009	<0.0005 ppm	0				100
14. Copper	N	2009	0.053 ppm	0				1.3
15. Cyanide	N	2009	<0.005 ppm	0				200
16. Fluoride	N	2009	0.132480 ppm	0				4
17. Lead	N	2009	0.001 ppm	0				0
18. Mercury (inorganic)	N	2009	<0.0002 ppm	0				2
20. Nitrate (as Nitrogen)	N	2009	<0.08 ppm	0				ppm
21. Nitrite (as Nitrogen)	N	2009	<0.02 ppm	0				ppm
22. Nitrate-Nitrite (as Nitrogen)	N	2009	<0.1 ppm	0				ppm
23. Selenium	N	2009	0.000699 ppm	0				50
25. Thallium	N	2009	<0.0005 ppm					ppm

**Disinfection By-Products**

73. TriHBM (total trihalomethanes)	N	2009	<0.002 ppm	0				ppm
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**Disinfectants & Disinfection By Products**

Chlorine (asCl <sub>2</sub> ) ppm	N	2009	0.8	High 1.30 Low 1.21				ppm
								4

\* Most recent test results available.

As you can see by the table, our system had no violations. We are proud exceeds all Federal and State requirements. We have learned through our constituents have been detected, however, they are not above the level of

All sources of drinking water are subject to potential contamination by substances of man made. These substances can be microbes, inorganic or organic substances. All drinking water, including bottled water, may reasonably be expected to contain some contaminants. The presence of contaminants does not pose a health risk. More information about contaminants and potential health effects of contaminants is available from the Environmental Protection Agency's Safe Drinking Water Hotline.

Some people may be more vulnerable to contaminants in drinking water than compromised persons such as persons with cancer undergoing chemotherapy, organ transplants, people with HIV/AIDS or other immune system disorder particularly at risk from infections. These people should seek advice about care providers. EPA/CDC guidelines on appropriate means to lessen the risk and other microbiological contaminants are available from the Safe Drinking Water Act.

Please call our office if you have questions. We ask that all our customers which are the heart of our community, our way of life and our children's future.