

2011 JUN 30 PM 2:30



MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

Whitehall Water Association
Public Water Supply Name

800010
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: 6/29/11

- 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: Winston Co. Journal

Date Published: 6/29/11

- 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.

Ms. O. V. Hull Secretary
Name/Title (President, Mayor, Owner, etc.)

6-29-11
Date

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

Annual Drinking Water Quality Report  
 Whitehall Water Association  
 PWS ID#: 800010  
 June 2010

2010 JUN - 1 AM 9:15

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. Two wells draw from the Middle Wilcox Aquifer and the third from the Lower Wilcox Aquifer.

**Well #** Location  
 800010-01 Approximately 6 miles west of Louisville on highway 14  
 800010-02  
 800010-03

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 662-773-3262. 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.

Whitehall 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>, 2010. 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	Units	Year Collected	Level Detected	Range of Maximum Allowable Contaminant Levels	Test Measurement	MCL (ppm)	MCL (mg/l)	Health Source of Contamination	
<b>Microbiological Contaminants</b>									
1. Total Coliforms	CFU	2010	0	0	CFU	0	0	Naturally present in the environment	0
<b>Radioactive Contaminants</b>									
4. Radium-226	pCi/L	2010	1.9	No Range	PCV	0	50	Discharge from natural deposits	50
5. Radium-228	pCi/L	2010	ND	No Range	PCV	0	50	Discharge from natural deposits	50
<b>Inorganic Contaminants</b>									
9. Arsenic	ppm	2010	<0.0005	0	ppm	0.05	0.05	Discharge from petroleum refineries, fire departments, chemical, electronic, and other industries	0.05
8. Ammonia	ppm	2010	<0.0005	0	ppm	ND	ND	Discharge from natural deposits, runoff from agriculture, and discharge from power and electronics production facilities	0.05
10. Nitrate	ppm	2010	0.00032	0	ppm	10	10	Discharge from drinking water, discharge from natural infiltration, erosion of natural deposits	10

11. Beryllium	N	2010	<0.0005	0	ppm	0.1	0.1	Discharge from metal refineries and metal-bearing facilities; discharge from electrical, aerospace, and other industries	0.1
12. Cadmium	N	2010	<0.0005	0	ppm	0.05	0.05	Discharge from petroleum refineries, discharge from metal refineries, runoff from waste treatment and other facilities	0.05
13. Chromium	N	2010	0.0005	0	ppm	0.1	0.1	Discharge from steel and pulp mills; erosion of natural deposits	0.1
14. Copper	N	2010	0.001	0	ppm	1.3	1.3	Erosion of household plumbing systems; erosion of natural deposits; leaching from soil and other sources	1.3
15. Cyanide	N	2010	0.011	0	ppm	200	0.2	Discharge from metal refineries, discharge from plastic and fertilizer factories	0.2
16. Fluoride	N	2010	0.01	0	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories	4
17. Lead	N	2010	0.000	0	ppm	0	0	Erosion of household plumbing systems; erosion of natural deposits	0.05
18. Mercury (Total)	N	2010	0.0005	0	ppm	0.0002	0.0002	Erosion of natural deposits; discharge from refineries and other facilities; runoff from agriculture	0.0002

20. Nitrate (as Nitrogen)	N	2010	<0.1	0	ppm			Runoff from fertilizer use; leaching from septic tanks, septic systems, and erosion of natural deposits	10
21. Nitrite (as Nitrogen)	N	2010	<0.05	0	ppm			Runoff from fertilizer use; leaching from septic tanks, septic systems, and erosion of natural deposits	1
22. Nitrate-Nitrite (as Nitrogen)	N	2010	<0.25	0	ppm			Runoff from fertilizer use; leaching from septic tanks, septic systems, and erosion of natural deposits	10
23. Selenium	N	2010	0.00025	0	ppm	50	0.05	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines	0.05
25. Thallium	N	2010	<0.0005	0	ppm	0.5	0.002	Leaching from ore-processing sites; discharge from electronics, glass, and drug factories	0.002

**Disinfection By-Products**

71. THM (total trihalomethanes)	N	2010	<0.00	0	ppm			HAAS	By-product of drinking water chlorination
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**Disinfectants & Disinfection By Products**

Chlorine (as Cl <sub>2</sub> ) (ppm)	N	2010	0.3	High 1.80 Low 1.50	ppm	4	4	Water additive used to control microbes
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\* Most recent test results available.

As you can see by the table, our system had no violations. We are 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, they are not above the level considered unsafe.

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. Immune-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 (800-426-4791).

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. High Point Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When you 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 Public Health Laboratory offer lead testing for \$10.00 per sample. Please contact 601-576-7562 if you wish to have your water tested.

Please call our office if you have questions. 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.

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# PROOF OF PUBLICATION

## THE STATE OF MISSISSIPPI COUNTY WINSTON

Before the undersigned authority of said county and state personally appeared Brenda Perry, County of Winston, State of Mississippi, Winston County Journal duly sworn, both depose and say that the publication of the notice hereto affixed has been made in said newspaper for 1 Consecutive week(s), to-wit:

Vol. 118, No. 26, on the 29 day of June, 2011  
Vol.     , No.     , on the      day of     , 2011  
Vol.     , No.     , on the      day of     , 2011  
Vol.     , No.     , on the      day of     , 2011  
Vol.     , No.     , on the      day of     , 2011  
Vol.     , No.     , on the      day of     , 2011

Sworn to and subscribed to this the 30 day of June, 2011  
me the undersigned Notary Public of said County and State.

By: Susan D. Adcock

[Signature]



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