



MISSISSIPPI STATE DEPARTMENT OF HEALTH

**BUREAU OF PUBLIC WATER SUPPLY**

**CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT  
CERTIFICATION FORM**

Yalobusha Water & Sewer District  
Public Water Supply Name

0810028 + 0810029

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: 5/19/2011

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: North Ms Herald

Date Published: 5/19/2011

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. 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.

Kim H. Howell  
Name/Title (President, Mayor, Owner, etc.)

6-8-2011  
Date

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

2010 Annual Drinking Water Quality Report  
 Yalobusha Water & Sewer District  
 PWS ID#: 0810028 & 0810029  
 May 2011

2011 MAY 10 AM 1:57

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 Lower and Middle Wilcox Aquifers.

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. The general 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 Yalobusha Water & Sewer District have received lower to moderate susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Joel Rogers at 662-473-3137. We want our valued customers to be informed about their water utility. If you want to learn more, please attend the annual meeting scheduled for Monday, September 12, 2011 at 7:00 PM at the Pine Valley Warehouse.

The Yalobusha Water & Sewer District 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. In cases where monitoring wasn't required in 2010, the table reflects the most recent results. 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:

*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.

PWS ID #: 0810028		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
<b>Inorganic Contaminants</b>								
8. Arsenic	N	2010	1	.9 - 1	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2010	.004	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2010	1.1	.7 - 1.1	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2008*	.4	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2010	.115	.112 - .115	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

Disinfection By-Products									
82. TTHM [Total trihalomethanes]	N	2010	17.43	No Range	ppb	0	80	By-product of drinking water chlorination.	
Chlorine	N	2010	.70	.60 – .85	ppm	0	MDRL = 4	Water additive used to control microbes	

PWS ID #: 0810029		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	
<b>Inorganic Contaminants</b>									
10. Barium	N	2010	.014	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits	
13. Chromium	N	2010	1.7	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits	
14. Copper	N	2008*	.4	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives	
16. Fluoride	N	2010	.102	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*	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits	

Disinfection By-Products									
82. TTHM [Total trihalomethanes]	N	2010	8.64	No Range	ppb	0	80	By-product of drinking water chlorination.	
Chlorine	N	2010	.72	.5 – .9	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. 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>.

**Significant Deficiencies**  
 During a sanitary survey conducted on 2/16/10, the MS State Department of health cited the following significant deficiency(s):  
 Inadequate internal cleaning/maintenance of storage tanks.  
 Correction actions: Our system is currently under a Bilateral Compliance Agreement with the MS State Department of Health to complete the tank inspections and the cleaning, repair and/or painted if needed. All deficiencies are scheduled to be completed by 9/30/11.

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 Yalobusha Water & Sewer District 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  
OF NOTICE**

**State of Mississippi  
Yalobusha County**

Before me, BETTY K. SHEARER, Notary Public of said County, this day came David Howell, who stated on oath that he is the Editor and Publisher of the North Mississippi Herald, a public newspaper publishing and having a general circulation in the City of Water Valley, said County and State, and made oath further that advertisement, of which a copy as printed is annexed, was published in said newspaper for 1 consecutive weeks in its issues numbered and dated as follows, to-wit:

Vol. 123 No. 2 Dated the 19 of May 2011  
 Vol. No. Dated the of 20  
 Vol. No. Dated the of 20  
 Vol. No. Dated the of 20  
 Vol. No. Dated the of 20

Affiant further states that he has examined the foregoing 1 issues of said newspaper, that the attached Notice appeared in each of said 1 issues aforesaid of said newspaper.

*David Howell*  
 Editor and Publisher  
 North Mississippi Herald

Sworn to and subscribed before me, this 19 day of May 2011  
 Water Valley, Yalobusha County, Mississippi  
*Betty Shearer*  
 My Commission expires August 15, 2011

Charges: 1 Times ..... \$202.50  
 Proof of Publication ..... \$ 2.00  
 Total Due ..... \$205.50

**2010 Annual Drinking Water Quality Report**  
 Yalobusha Water & Sewer District  
 PWS ID# 0810028 & 0810029  
 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 continuously 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 Lower and Middle Valley Aquifers.

The source water assessment has been completed for our public water system to determine the overall acceptability of its drinking water supply to identify potential sources of contamination. The general susceptibility ratings 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 Yalobusha Water & Sewer District have received lower to moderate susceptibility ratings to contamination.

If you have any questions about the report or concerning your water utility, please contact Joel Rogers at 662-433-3137. We want our valued customers to be informed about their water utility. If you want to learn more, please attend the annual meeting scheduled for Monday, September 12, 2011 at 7:00 PM at the Pine Valley Warehouse.

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PWS ID #: 0810028		TEST RESULTS						MCLG	MCL	Usual Source of Contamination
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/MCL	Unit Measure	Alert				
<b>Inorganic Contaminants</b>										
A. Arsenic	N	2010	1	0-1	ppb	n/a	10	n/a	Erosion of natural deposits, runoff from asphalt, roof from glass and electronics production wastes.	
10. Barium	N	2010	.004	No Range	ppm	2	2	2	Discharge of drilling wastes, discharge from metal refineries, erosion of natural deposits.	
13. Chromium	N	2010	1.1	1 - 1.1	ppm	100	100	100	Discharge from steel and pulp mills, erosion of natural deposits.	
14. Copper	N	2008	4	0	ppm	1.5	AL=1.5	AL=1.5	Corrosion of household plumbing systems, erosion of natural deposits, leaching from wood preservatives.	
16. Fluoride	N	2010	.115	.112 - .115	ppm	4	4	4	Erosion of natural deposits, water additive which promotes strong teeth, discharge from fertilizer and aluminum facilities.	
17. Lead	N	2008	1	0	ppb	0	AL=15	AL=15	Corrosion of household plumbing systems, erosion of natural deposits.	
<b>Disinfection By-Products</b>										
62. THM4 (Total trihalomethanes)	N	2010	17.43	No Range	ppb	0	80	80	By-product of drinking water chlorination.	
Chlorine	N	2010	70	60 - 85	ppm	0	MORL=4	4	Water additive used to control microbes.	

  

PWS ID #: 0810029		TEST RESULTS						MCLG	MCL	Usual Source of Contamination
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/MCL	Unit Measure	Alert				
<b>Inorganic Contaminants</b>										
10. Barium	N	2010	0.14	No Range	ppm	2	2	2	Discharge of drilling wastes, discharge from metal refineries, erosion of natural deposits.	
13. Chromium	N	2010	1.7	No Range	ppm	100	100	100	Discharge from steel and pulp mills, erosion of natural deposits.	
14. Copper	N	2008	4	0	ppm	1.5	AL=1.5	AL=1.5	Corrosion of household plumbing systems, erosion of natural deposits, leaching from wood preservatives.	
16. Fluoride	N	2010	.102	No Range	ppm	4	4	4	Erosion of natural deposits, water additive which promotes strong teeth, discharge from fertilizer and aluminum facilities.	
17. Lead	N	2008	2	0	ppb	0	AL=15	AL=15	Corrosion of household plumbing systems, erosion of natural deposits.	
<b>Disinfection By-Products</b>										
62. THM4 (Total trihalomethanes)	N	2010	8.84	No Range	ppb	0	80	80	By-product of drinking water chlorination.	
Chlorine	N	2010	72	65 - 78	ppm	0	MORL=4	4	Water additive used to control microbes.	

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

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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 assure systems complete all monitoring requirements, MDRM now notifies systems of any missing samples prior to the end of the compliance period.

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**Significant Deficiencies**  
 During a sanitary survey conducted on 8/16/10, the MS State Department of Health cited the following significant deficiencies:  
 Inadequate internal cleaning/maintenance of storage tanks.  
 Contention sections. Our system is currently under a Status 1 Contention Agreement with the MS State Department of Health to complete the tank inspections and the cleaning, repair and/or patching, if needed. All deficiencies are scheduled to be completed by 8/30/11.

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 1-800-426-4731.

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 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 protozoan and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4731.

The Yalobusha Water & Sewer District 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.



YALOBUSHA WATER ASSOCIATION  
 P.O. BOX 170  
 WATER VALLEY, MISSISSIPPI 38965  
 (662) 473-3137

**RETURN SERVICE REQUESTED**

PRESORTED  
 FIRST-CLASS MAIL  
 U.S. POSTAGE  
 PAID  
 WATER VALLEY MS  
 PERMIT NO. 10

TYPE OF SERVICE	METER READING		USED	CHARGES
	PRESENT	PREVIOUS		
Past Due				14.50

532 CR 212  
 JUN -9 AM 9:12  
 WATER VALLEY - WATER SUPPLY

CUSTOMER		PAY GROSS AMOUNT AFTER THIS DATE
ROUTE	ACCOUNT	
1	997	6/10/11
<b>NET AMOUNT TO BE PAID</b>		<b>GROSS AMOUNT TO BE PAID</b>
14.50		16.68

MAIL THIS STUB WITH YOUR PAYMENT

532 CR 212  
**PAY IN FULL TO AVOID DISCONNECTION**

METER READ			ACCOUNT 997		
MONTH	DAY	CLASS	TOTAL DUE UPON RECEIPT	LATE CHARGE AFTER DUE DATE	PAST DUE AMOUNT
5	16	1	14.50	2.18	16.68

BEN ALLEN  
 532 CR 212  
 WATER VALLEY MS 38965

**DUE DATE 10TH CUT OFF DATE 20TH**  
**ALL PAST DUE ACCOUNTS WILL BE DISCONNECTED**  
**CONSUMER CONFIDENCE REPORT WAS PUBLISHED IN**  
**NORTH MS HERALD ON MAY 19, 2011 COPIES AVAILABLE**  
**UPON REQUEST**