



MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

**CALENDAR YEAR 2009 CONSUMER CONFIDENCE REPORT
CERTIFICATION FORM**

CENTRAL YAZOO WATER Association Inc
Public Water Supply Name

820004, 820029, 820030, 820031, 820033
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: 5/26/10

- 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: THE YAZOO HERALD
Date Published: / /

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

- CCR was posted on a publicly accessible internet site at 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.

Polly Carter / office Manager
Name/Title (President, Mayor, Owner, etc.)

6/9/10
Date

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

570 East Woodrow Wilson * Post Office Box 1700 * Jackson, MS 39215-1700
601-576-8090 * 1-866-HLTHY4U * www.HealthyMS.com

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2009 Annual Drinking Water Quality Report
Central Yazoo Water Association, Inc.
PWS#: 0820004, 0820029, 0820030, 0820031 & 0820033
May 2010

2010 JUN -2 AM 7: 25

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 and 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 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 Central Yazoo Water Association, Inc. have received lower to moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Michael Laborde at 662-746-7531. 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 second Monday of each month at 5:00 PM at the main office located at 37 Witherspoon Rd.

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 we detected during for the period of January 1st to December 31st, 2009. In cases where monitoring wasn't required in 2009, 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.

PWS#:0820004 TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
10. Barium	N	2006*	.007	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2006*	1	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2006/08*	.5	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2006/08*	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Disinfection By-Products								
81. HAA5	N	2009	9	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2009	14	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2009	1.6	1.07 – 1.6	ppm	0	MDRL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2009

PWS#:0820029 TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
10. Barium	N	2006*	.003	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2006*	.5	No Range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2006/08*	.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2006/08*	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2006*	.8	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Disinfection By-Products								
82. TTHM [Total trihalomethanes]	N	2007*	15.14	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2009	1.6	.8 – 1.6	ppm	0	MDRL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2009

PWS#:0820030									TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination									
Inorganic Contaminants																	
10. Barium	N	2008*	.003	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits									
13. Chromium	N	2008*	.7	No Range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits									
17. Lead	N	2006/08*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits									
16. Fluoride	N	2008*	.158	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories									
Disinfection By-Products																	
81. HAA5	N	2006*	13.3	No Range	ppb	0	60	By-Product of drinking water disinfection.									
Chlorine	N	2009	1.5	.7 – 1.5	ppm	0	MDRL = 4	Water additive used to control microbes									

* Most recent sample. No sample required for 2009

PWS#:0820031									TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination									
Inorganic Contaminants																	
10. Barium	N	2006*	.011	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits									
13. Chromium	N	2006*	3	No Range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits									
14. Copper	N	2006/08*	.3	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives									
17. Lead	N	2006/08*	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits									
Disinfection By-Products																	
81. HAA5	N	2006*	43	No Range	ppb	0	60	By-Product of drinking water disinfection.									
Chlorine	N	2009	1.6	.75 – 1.6	ppm	0	MDRL = 4	Water additive used to control microbes									

* Most recent sample. No sample required for 2009

PWS#:0820033									TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination									

Inorganic Contaminants

10. Barium	N	2006*	.015	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2006*	.8	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2009	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2009	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

Disinfection By-Products

81. HAA5	N	2006*	7	No Range	ppb	0	60	By-Product of drinking water disinfection.
Chlorine	N	2009	1.37	.63 – 1.37	ppm	0	MDRL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2009.

As you can see by the table, our system had no contaminate 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 for \$10 per sample. 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 Central Yazoo Water Association, Inc. 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
THE STATE OF MISSISSIPPI,
County of Yazoo.

at the regular session of the Mississippi
Legislature of 1948, amending Section
1858, of the Mississippi Code of 1942

Personally appeared before me, the undersigned Notary

Public in and for the County and State aforesaid

who being by me first duly sworn states on oath, that he is

Editor of The Yazoo Herald, a newspaper

published in the City of Yazoo City, State and County aforesaid, and that

the publication of the notice, a copy of which is hereto attached, has been

made in said paper _____ times as follows.

VOL. No. 139 Number 10 Dated May 26, 20 10

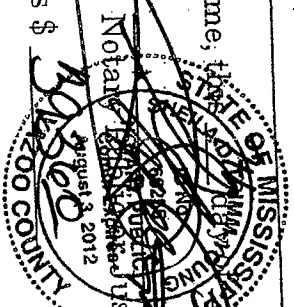
VOL. No. _____ Number _____ Dated _____, 20 _____

VOL. No. _____ Number _____ Dated _____, 20 _____

Affiant further states that said newspaper has been established for at least twelve months next prior to the first publication of said notice.

(Signed) [Signature], 20 10

Sworn to and subscribed before me, this _____ day of _____, 20 _____



3x16 display
times \$ 30.00
48 inches

Proof of Publication 3
TOTAL \$ 396.00

2009 Annual Drinking Water Quality Report
 Central Yazoo Water Association, Inc.
 PWS#s: 0820004, 0820025, 0820030, 0820031 & 0820033
 May 2010

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality of 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 groundwater flowing from the Sparta Sand and the Mediant Upper Wilcox Aquifer.

The recent water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to various classes of contamination. The general susceptibility rankings assigned to each class of contamination are provided in the table below. A report containing detailed information on how the susceptibility of this system has been determined for our public water system and is available for viewing upon request. The determinations were made based on information from public water systems and is available for viewing upon request. The determinations for the Central Yazoo Water Association, Inc. have received lower to moderate susceptibility rankings for contamination.

If you have any questions about this report or concerning your water utility, please contact Michael Laborde at 662-748-7601. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our monthly scheduled meetings. They are held on the second Monday of each month at 5:00 PM at the main office located at 37 Waterwood Rd.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detected during the period of January 1st to December 31st 2009. In cases where monitoring wasn't required in 2009, 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 action, operations, and wildlife. Substances that may come from sewage treatment plants, septic systems, agricultural, livestock operations, and wildlife include: nutrients, such as nitrates and nitrites, oil and gas production, mining, or farming; pesticides and herbicides; inorganic materials, such as salts and metals; oil and gas production, mining, or farming; radioactive materials; and organic materials, such as solvents, pesticides, herbicides, and other chemicals, which are by-products of industrial processes, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential use. Organic materials include synthetic and natural organic chemicals, which are by-products of industrial processes, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential use. In order to ensure that our processes for naturally occurring or synthetic substances that limit the amount of certain contaminants in water provided by public water systems, EPA prescribes certain standards that limit the amount of certain contaminants in water provided by public water systems. All drinking water systems are required 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 possible 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 do not reflect a margin of safety.

Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is no known or expected risk to health. MRDLs do not reflect a margin of safety for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water disinfectant below which there is no known or expected risk to 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 2,000 years, or a single penny in \$10,000,000.

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								Likely Source of Contamination	
PWS#	Contaminant	Violation Yr	Date Collected	Level Detected	Range of Detects or % of Samples Exceeding MCL/MCLG	Unit Measurement	MCLG		
0820004	Inorganic Contaminants								
	06 Arsenic	N	2009	.007	No Range	Ppm	2	2	Discharge of drilling wastes, discharge from metal refineries, erosion of natural deposits
	09 Chromium	N	2009	1	No Range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
	11 Copper	N	2009/08	0	0	Ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
	12 Lead	N	2009/08	0	0	Ppb	0	ALPTS	Corrosion of household plumbing systems; erosion of natural deposits
0820004	Disinfection By-Products								
	01 THAA5	N	2009	0	No Range	Ppb	0	00	By-product of drinking water disinfection
	02 THM5	N	2009	14	No Range	Ppb	0	00	By-product of drinking water disinfection
	03 Total Disinfectant Residual	N	2009	1.8	1.07 - 1.8	Ppm	0	MRDL = 4	Water additive used to control microbes

TEST RESULTS								Likely Source of Contamination	
PWS#	Contaminant	Violation Yr	Date Collected	Level Detected	Range of Detects or % of Samples Exceeding MCL/MCLG	Unit Measurement	MCLG		
0820029	Inorganic Contaminants								
	06 Arsenic	N	2009	.003	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
	09 Chromium	N	2009	.5	No Range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
	11 Copper	N	2009/08	0	0	Ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
	12 Lead	N	2009/08	0	0	Ppb	0	ALPTS	Corrosion of household plumbing systems; erosion of natural deposits
0820029	Disinfection By-Products								
	01 THAA5	N	2009	18.64	No Range	Ppb	0	00	By-product of drinking water disinfection
	02 THM5	N	2009	1.8	1.8 - 1.8	Ppm	0	MRDL = 4	Water additive used to control microbes
	03 Total Disinfectant Residual	N	2009	1.8	1.8 - 1.8	Ppm	0	MRDL = 4	Water additive used to control microbes

