

MISSISSIPPI STATE DEPARTMENT OF HEALTH  
BUREAU OF PUBLIC WATER SUPPLY  
CCR CERTIFICATION  
CALENDAR YEAR 2013

Anchor Water Association Inc  
Public Water Supply Name

D360002

List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) 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 or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. You must mail, fax or email a copy of the CCR and Certification to MSDH. Please check all boxes that apply.

Customers were informed of availability of CCR by: *(Attach copy of publication, water bill or other)*

- Advertisement in local paper (attach copy of advertisement)
- On water bills (attach copy of bill)
- Email message (MUST Email the message to the address below)
- Other \_\_\_\_\_

Date(s) customers were informed: 6/26/14

CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used \_\_\_\_\_

Date Mailed/Distributed:    /   /   

CCR was distributed by Email (MUST Email MSDH a copy)      Date Emailed:    /   /   

As a URL (Provide URL \_\_\_\_\_)

As an attachment

As text within the body of the email message

CCR was published in local newspaper. *(Attach copy of published CCR or proof of publication)*

Name of Newspaper: The Oxford Eagle

Date Published: 6/26/14

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

CCR was posted on a publicly accessible internet site at the following address **(DIRECT URL REQUIRED)**:  
\_\_\_\_\_

**CERTIFICATION**

I hereby certify that the 2013 Consumer Confidence Report (CCR) has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. 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.

Jessica Turner  
Name/Title (President, Mayor, Owner, etc.)  
Administrative Assistant

6.27-14  
Date

Deliver or send via U.S. Postal Service:  
Bureau of Public Water Supply  
P.O. Box 1700  
Jackson, MS 39215

May be faxed to:  
(601)576-7800

May be emailed to:  
Melanie.Yanklowski@msdh.state.ms.us

**2013 Annual Drinking Water Quality Report**  
**Anchor Water Association**  
**PWS#: 0360002**  
**June 2014**

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 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. 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 Anchor Water Association have received a moderate susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Jim White at 662-513-6006. 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 7:00 PM at the Anchor Water Office.

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 1<sup>st</sup> to December 31<sup>st</sup>, 2013. In cases where monitoring wasn't required in 2013, 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 to 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.

<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	2012*	.002	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2012*	1.5	.6 – 1.5	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2009/11*	.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2012*	.11	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2009/11*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

### Disinfection By Products

81. HAA5	N	2012*	6	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2012*	6.28	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2013	1.4	1 – 1.1	ppm	0	MRDL = 4	Water additive used to control microbes

\* Most recent sample. No sample required for 2013.

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. 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 system 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 Anchor 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.

This report will not be mailed to individual customers, however you may obtain a copy from our office.

# PROOF OF PUBLICATION

PRINTER'S FEE \$ 346.80

THE STATE OF MISSISSIPPI  
LAFAYETTE COUNTY

Personally appeared before me, a notary public in and for said county and State, the undersigned

Don Whitten

*See Attached*

Who, after being duly sworn, deposes and says that he is the General Manager of the Oxford Eagle, a newspaper published daily in the City of Oxford, in said county and State, and that the said newspaper has been published for more than one year and that 2013 ANNUAL DRINKING WATER Quality Report a true copy of which is hereto attached was published for 1 consecutive weeks in said newspaper as follows:

VOLUME	NO.	DATE
<u>146</u>	<u>194</u>	<u>6/26/14</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

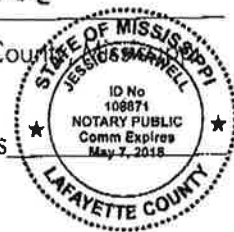
*Don Whitten*

Sworn to and subscribed before me this 27 day of June, 2014.

*Jessica Samuell*

Notary Public, Lafayette County

My commission expires



Anchor Water Quality Report  
Annual Report  
2000-2001

We're pleased to present to you this report on the quality of the water that is delivered to your tap. Each year, we quality water and compare it to the standards set by the U.S. Environmental Protection Agency (EPA) to ensure you with a safe and palatable supply of drinking water. You will find in this report the information you need to understand the water treatment process and protect your water investment. We are committed to providing the quality of our water. Our water quality is best when it comes from the tap.

The water quality report is a summary of the results of the water quality monitoring program. It is intended to provide you with information about the quality of the water that is delivered to your tap. The water quality report is a summary of the results of the water quality monitoring program. It is intended to provide you with information about the quality of the water that is delivered to your tap.

If you have any questions about the information in this report, please contact the Anchor Water Quality Department at 1-800-456-4797. We have an information line for you. We have an information line for you. We have an information line for you.

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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 do not allow for the MCLG or the best available treatment technology.
- Maximum Contaminant Level Goal (MCLG)** - The "Maximum Contaminant Level 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 allow for a margin of safety.
- 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 allow for the benefits of the use of disinfectants to control microbial contamination.
- Pipe per million (ppm) or milligrams per liter (mg/L)** - one part per million corresponds to one milligram in one liter or a single party in 100,000.
- Pipe per billion (ppb) or micrograms per liter (µg/L)** - one part per billion corresponds to one microgram in one liter or a single party in 100,000,000.

TEST RESULTS									
Contaminant	Units	Test Method	Test Date	Result	Regulatory Limit	Health Risk	MCLG	MCL	Units/Results of Contaminant
<b>Inorganic Contaminants</b>									
As	ppm	ICP-MS	1/18/01	0.01	0.05	None	0.01	0.05	As is a naturally occurring element and is found in many rocks and soils. It is also found in some minerals and coal. As is a toxic element and can cause cancer and other health problems.
Ca	ppm	ICP-MS	1/18/01	120	180	None	180	180	Calcium is a naturally occurring element and is found in many rocks and soils. It is also found in some minerals and coal. Calcium is a toxic element and can cause cancer and other health problems.
Cl	ppm	ICP-MS	1/18/01	100	100	None	100	100	Chlorine is a naturally occurring element and is found in many rocks and soils. It is also found in some minerals and coal. Chlorine is a toxic element and can cause cancer and other health problems.
Cr	ppm	ICP-MS	1/18/01	0.01	0.05	None	0.01	0.05	Chromium is a naturally occurring element and is found in many rocks and soils. It is also found in some minerals and coal. Chromium is a toxic element and can cause cancer and other health problems.
Fe	ppm	ICP-MS	1/18/01	0.1	0.3	None	0.3	0.3	Iron is a naturally occurring element and is found in many rocks and soils. It is also found in some minerals and coal. Iron is a toxic element and can cause cancer and other health problems.
Fluoride	ppm	ICP-MS	1/18/01	0.7	1.0	None	1.0	1.0	Fluoride is a naturally occurring element and is found in many rocks and soils. It is also found in some minerals and coal. Fluoride is a toxic element and can cause cancer and other health problems.
Mn	ppm	ICP-MS	1/18/01	0.01	0.05	None	0.01	0.05	Manganese is a naturally occurring element and is found in many rocks and soils. It is also found in some minerals and coal. Manganese is a toxic element and can cause cancer and other health problems.
NO <sub>3</sub> -N	ppm	ICP-MS	1/18/01	1.0	10	None	10	10	Nitrate is a naturally occurring element and is found in many rocks and soils. It is also found in some minerals and coal. Nitrate is a toxic element and can cause cancer and other health problems.
NO <sub>2</sub> -N	ppm	ICP-MS	1/18/01	0.01	0.07	None	0.07	0.07	Nitrite is a naturally occurring element and is found in many rocks and soils. It is also found in some minerals and coal. Nitrite is a toxic element and can cause cancer and other health problems.
Se	ppm	ICP-MS	1/18/01	0.01	0.05	None	0.01	0.05	Selenium is a naturally occurring element and is found in many rocks and soils. It is also found in some minerals and coal. Selenium is a toxic element and can cause cancer and other health problems.
SO <sub>4</sub>	ppm	ICP-MS	1/18/01	100	250	None	250	250	Sulfate is a naturally occurring element and is found in many rocks and soils. It is also found in some minerals and coal. Sulfate is a toxic element and can cause cancer and other health problems.
TOC	ppm	TOC Analyzer	1/18/01	1.5	2.0	None	2.0	2.0	Total Organic Carbon (TOC) is a measure of the amount of organic carbon in water. It is a naturally occurring element and is found in many rocks and soils. It is also found in some minerals and coal. TOC is a toxic element and can cause cancer and other health problems.
Urea Nitrogen	ppm	ICP-MS	1/18/01	0.01	0.05	None	0.01	0.05	Urea Nitrogen is a naturally occurring element and is found in many rocks and soils. It is also found in some minerals and coal. Urea Nitrogen is a toxic element and can cause cancer and other health problems.
Zn	ppm	ICP-MS	1/18/01	0.01	0.05	None	0.01	0.05	Zinc is a naturally occurring element and is found in many rocks and soils. It is also found in some minerals and coal. Zinc is a toxic element and can cause cancer and other health problems.

We have followed the EPA's lead in providing you with this information. We have followed the EPA's lead in providing you with this information. We have followed the EPA's lead in providing you with this information.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Our water system is drinking water is primarily from surface water and groundwater associated with surface water and groundwater. Our water system is drinking water is primarily from surface water and groundwater associated with surface water and groundwater.

At present, elevated levels of lead are not expected to be a problem. At present, elevated levels of lead are not expected to be a problem. At present, elevated levels of lead are not expected to be a problem.

The Anchor Water Association wants to provide you with the best water possible. The Anchor Water Association wants to provide you with the best water possible. The Anchor Water Association wants to provide you with the best water possible.

This report will neither make or individual customers, however you may obtain a copy from our office.