

RECEIVED-WATER SUPPLY
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*Annual Drinking Water Quality Report
White Oak Water Association
PWS ID # 03650013
May, 2013*

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 consists of two wells that draw from the Cockfield Formation & Sparta Sand Aquifers.

A source water assessment has been completed for the White Oak Water Association's water supply to determine the overall susceptibility of its drinking water to identify potential sources of contamination. The water supply for White Oak Water Association received a lower and a moderate susceptibility ranking to contamination.

We're 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 Norman Adcock at 601-269-3232. We want our valued customers to be informed about their water utility. If you want to learn more, please attend a special meeting being held on August 15, 2013 at the White Oak Water Association office at 7:00 p.m.

White Oak 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 1st to December 31st, 2012. 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.

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.

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	2010*	0.002	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2010*	5	No Range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2011*	0.4	None	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2010*	0.1	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2011*	4	None	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Disinfectants & Disinfection By-Products								
Chlorine (as Cl ₂)	N	1/1/12 to 12/31/12	1.60	1.20 to 2.40	ppm	4	4	Water additive used to control microbes
73. TTHM [Total tri-halomethanes]	N	2011*	12	None	ppb	0	80	By-product of drinking water chlorination

* Most recent sample results available

We constantly monitor for various constituents in the water supply to meet all regulatory requirements. This past year we collected the required number of samples during the month of July but there was information left off the sample card or was illegible. Due to this error additional samples were required and were taken. Care will be taken to ensure all information required is placed on the sample cards. This does not pose a threat to the quality of our water supply.

*****APRIL 1, 2013 MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING*****

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007 - December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice. Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. This is to notify you that as of this date, your water system has completed the monitoring requirements and is now in compliance with the Radionuclides Rules. If you have any questions, please contact Karen Walters, Director of Compliance and Enforcement, Bureau of Public Water Supply, at 601-576-7518.

Additional Information for Lead

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. White Oak Water Association is responsible for providing high quality drinking water, but

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 (800-426-4791).

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RECEIVED - WATER SUPPLY

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Wednesday, June 5, 2013

Elementary 2012-2013 Awards listed

Kywanna Johnson, Victoria McGill, Matthew Upchurch, Kristen White

Citizenship - Katarah

Brannon, Kailey Butler, Kaylee

Chennault, Anna-laire

Hankins, Deannalise

Lawkins, Abby Hill, Kywanna

Johnson, Kirsten Jones, Manny

McDaniel, Victoria McGill,

Zarian McGill, Daniel Pack,

Keelyn Rogers, Matthew

Upchurch, Rudy Wade, Tristen

White, Elizabeth Blakeney,

Dillon Williamson

MCT Advanced in Language

Arts- Caleb McGill, Avianna

Huddleston, Britney Jones,

Hailey Pierce, Anna-Claire

Hankins, Deannalise Hawkins,

Kywanna Johnson

Perfect attendance for the

year- Jadaruis Booth, Japhari

Crosby, Alexis, Ducksworth,

Victoria McGill, Zaron

McGill, Rudy Wade, Alana

Walker, Kali Williams

Career All A's-Anna Claire

Hankins

Career All A's & B's Katarah

Brannon, Kailey Butler, Kaylee

Chennault, Campbell Graves,

Kywanna Johnson, Tiffany

Johnston, Victoria McGill,

Daniel Parker, Hailey Pierce,

Keelyn Rogers, Matthew

Upchurch, Rudy Wade

ANNUAL DRINKING WATER QUALITY REPORT

WHITE OAK WATER ASSOCIATION

PWS ID #: 03650013

MAY 2013

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Disinfection By-Products								
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82. THM (Total trihalomethanes)	N	2011*	12	None	ppb	0	80	By-product of drinking water chlorination.

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