

2013 JUN 17 AM 8:58

MISSISSIPPI STATE DEPARTMENT OF HEALTH
BUREAU OF PUBLIC WATER SUPPLY
CCR CERTIFICATION FORM
CALENDAR YEAR 2012

Walnut Hill Water Assoc.
Public Water Supply Name

540035

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. **Since this is the first year of electronic delivery, we request you mail or fax a hard copy of the CCR and Certification Form 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: 6/1/13, / /

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: _____

Date Published: / /

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 2012 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.

Vernon Jackson, President
 Name/Title (President, Mayor, Owner, etc.)

6-5-13
 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

"2012 Annual Drinking Water Quality Report" 2013 JUN 17 AM 8: 58

Walnut Hill Water Association

PWSID# 0540035

May 14, 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 comes from the City of Sardis. One well draws from the Middle Wilcox Aquifer and the other draws from the Lower Wilcox Aquifer.

Our 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 City of Sardis have received a **moderate** susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Ophelia Mangum at 662-563-5189. 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 first Tuesday of each month at First Security Bank, Main St. Sardis, Ms. at 7:00 p.m.

The Walnut Hills 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.

MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants

Parts per million (ppm) -- Milligrams per liter (mg/L).

Parts per billion (ppb) – Micrograms per liter (ug/L).

TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCL G	MCL	Likely Source of Contamination
Disinfectants & Disinfection By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)								
Chlorine (as Cl ₂) (ppm)	N	2012	.70	.0—1.30	Ppm	4	4	Water additive used to control microbes
Inorganic Contaminants								
Barium	N	*2010	.099	0.0 - 1.40	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Copper	N	*2011	0.5	No-range	Ppm	1.3	Al-13	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead	N	*2011	1.0	No-range	ppb	0	Al=1.5	Corrosion of household plumbing systems, erosion of natural deposits
Chromium	N	*2010	.7	No-range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
Cadmium	N	*2010	.3	No-range	Ppb	5	5	Corrosion of galvanized pipes; erosion of natural deposits; discharge from metal refineries; runoff from waste batteries and paints
Volatile Organic Contaminants								
HAA5	N	*2011	5.0	No-range	ppb	0	5	Discharge from metal degreasing sites and other factories
TTHM [Total trihalomethanes]	N	*2011	38.4	No-range	ppb	0	100	By-product of drinking water chlorination

*Most recent sample. No sample was required in 2012

***** A 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 Ms. 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, MSHD 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 Rule. If you have any questions, please contact Karen Walters, Director of Compliance & 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. **Walnut Hills 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 and copper 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 (800-426-4791).

Your CCR will not be mailed to you however; you may obtain a copy from the water office. Please call 662-563-5189 if you have any questions.

WALNUT HILL WATER ASSOCIATION
 P.O. BOX 454
 SARDIS, MS 38666

PRESORT
 FIRST CLASS MAIL
 U.S. POSTAGE
 PAID
 PERMIT NO.

THIS BILL IS NOW DUE AND PAYABLE

DATE READ	ROUTE & ACCT. NO.			
5/28	500043			
TYPE OF SERV.	METER READING		USAGE	CHARGES
	PRESENT	PREVIOUS		
WA	231280	02312800		21.28 15.00
NOLAN WEST CCR REPORT, IF YOU WOULD LIKE A COPY, PLEASE CALL 563-5189				
NET AMOUNT DUE	SAVE THIS	GROSS AMOUNT TO BE PAID AFTER		
36.28	3.63	6/10/13		39.91

500043

WALNUT HILL WATER ASS'N

NET AMOUNT DUE	SAVE THIS	AFTER
36.28	3.63	6/10/13
		PAY THIS: 39.91

PLEASE RETURN THIS STUB WITH YOUR PAYMENT

NOLAN WEST
 J Q W
 266 WALNUT RD
 SARDIS MS 38666

RECEIVED - WATER SUPPLY
 2013 JUN 17 AM 8:58