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MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

Walnut Hill Water Assoc. Public Water Supply Name

540035 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: 6/30/11

- 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:

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 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.

[Signature] - Board Member
Name/Title (President, Mayor, Owner, etc.)

6/30/11
Date

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

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**Annual Drinking Water Quality Report**  
**Walnut Hill Water Association**  
**PWSID# 0540035**  
**June 15, 2011**

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 7:00p.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 1<sup>st</sup> to December 31<sup>st</sup>, 2010. 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

## 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
<b>Disinfectants &amp; Disinfection By-Products</b> (There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)								
Chlorine (as Cl <sub>2</sub> ) (ppm)	N	2010	.24	.10 - .28	Ppm	4	4	Water additive used to control microbes
<b>Inorganic Contaminants</b>								
Barium	N	2010	.099	.010 - .099	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Copper	N	*2008	.2	No-range	Ppm	1.3	Al-13	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead	N	*2008	5.0	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
<b>Volatile Organic Contaminants</b>								
HAA5	N	2009	10.0	No-range	ppb	0	5	Discharge from metal degreasing sites and other factories
TTHM [Total trihalomethanes]	N	2009	33.4	No-range	ppb	0	100	By-product of drinking water chlorination

### \*\*\* Significant Deficiencies \*\*\*

During a sanitary survey conducted on 3/10/2010, the Mississippi State Department of Health cited the following significant deficiency: # 1- No Emergency Response Plan or Vulnerability analysis (updated)

Corrective Action- **Completed**

No #2 improperly constructed well

Corrective Action- **Completed**

No #3 well near source of fecal contamination

Corrective actions: The system is currently under a Bilateral Compliance Agreement with the Mississippi State Department of Health to abandon the inactive well @ 2 **All deficiencies are scheduled to be completed by 5/31/2013.**

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 for \$20. 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

**THIS BILL IS NOW DUE AND PAYABLE**

DATE READ		ROUTE & ACCT. NO.			
6/28		500079			
TYPE OF SERV.	METER READING		USAGE	CHARGES	
	PRESENT	PREVIOUS			
WA	348400	347030	1370	15.00	
ANGELA HENDERSON CCR REPORT AVAILABLE CALL FOR COPY			563-5189		
NET AMOUNT DUE		SAVE THIS	GROSS AMOUNT TO BE PAID		
15.00		1.50	7/10/11		16.50

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

500079

WALNUT HILL WATER ASS'N

NET AMOUNT DUE	SAVE THIS	AFTER
15.00	1.50	7/10/11
		PAY THIS: 16.50

PLEASE RETURN THIS STUB WITH YOUR PAYMENT

ANGELA HENDERSON

140 J Q WEST RD.  
 SARDIS MS 38666

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