

RECEIVED-WATER SUPPLY  
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MISSISSIPPI STATE DEPARTMENT OF HEALTH

**BUREAU OF PUBLIC WATER SUPPLY**

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

Mt. Zion Water Association  
Public Water Supply Name

0390015  
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:   /  /  

- CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:

Date Mailed/Distributed: 6/28/10 *In Water Bills*

- 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.

James Alvarado *President*  
Name/Title (President, Mayor, Owner, etc.)

6-28-10  
Date

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

**2009 Drinking Water Quality Report**  
**Mt. Zion Water Association**  
**PWISD#0390015**  
**June 16, 2010**

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### **Is my water safe?**

Last year, we conducted tests for more than 80 contaminants and we are proud to report that our system has not violated a maximum contaminant level for these regulated contaminant level. This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with information because informed customers are our best allies.

### **Do I need to take special precautions?**

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/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

### **Where does my water come from?**

Our water is purchased from Sontag-Wanilla W.A., which has three wells. Two of these wells draw groundwater from the Catahoula Formation Aquifer and the other well draws from the Miocene Series Aquifer.

### **Source water assessment and its availability:**

Currently, our source water assessment is being prepared by the Mississippi State Department of Health. When it is completed you will be notified and copies will be made available upon request.

### **Why are there contaminants in my drinking water?**

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 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 (800-426-4791).

### **How can I get involved?**

Our monthly board meetings are held before the tenth of each month. To obtain the date of a specific meeting, please contact our secretary, Eliza Reese at (601)587-7324. We encourage all customers who have any concerns or questions to meet with us. Our association conducts its annual membership meeting on the third day of August each year at 7:30 p.m. at the Mt. Zion Community Center. This is a very important meeting in which all customers are encouraged to attend.

### **Other information:**

You may want additional information about your drinking water. You may contact our president or you may prefer to log on to the internet and obtain specific information about your system and its compliance history at the following address: <http://www.msdh.state.us/watersupply/index.htm> Information including current and past boil water notices, compliance and reporting violations, and other information pertaining to your water supply including "Why, When, and How to Boil Your Drinking Water" and "Flooding and Safe Drinking Water" may be obtained.

#### **Mt. Zion Water Association Contact Information:**

James Alexander, President  
P.O. Box 132 Sontag, MS 39665  
(601) 587-7818

### TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCL G	MCL L	Likely Source of Contamination
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#### Disinfectants & Disinfection By-Products

There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)

Chlorine (as Cl <sub>2</sub> )	N	2009	1.20 (RAA) Running Annual Average	1.05-low 1.25-high	ppm	4.0	4.0	Water additive to control microbes
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#### Inorganic Contaminants

0. Barium	N	2-4-2009	0.00129 and 0.00619	0	Ppm	2	2	Discharge of drilling Waste; discharge from metal refineries; erosion of natural deposits
4. Copper	N	7-31-2007*	0.2	0	Ppm	1.3	AL-1.3	Corrosion of household plumbing systems; Erosion of natural deposits; leaching from wood preservatives
6. Fluoride	N	7-31-2007*	0.908 and 0.997	0	Ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
7. Lead	N	7-31-2007*	2.0	0	PPB	0	AL-15	Corrosion of household plumbing systems, erosion of natural deposits

#### Volatile Organic Contaminants

THM Total trihalomethanes	N	12-31-2005	34	0	Ppb	0	100	By-products of drinking water chlorination
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**Inorganic Contaminants:**

- 10) Barium Some people who drink water containing barium in excess of the MCL over many years could experience an increase in their blood pressure.
- 14) Copper. Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's disease should consult their personal doctor.
- 16) Fluoride. Some people who drink water containing fluoride in excess of the MCL over many years could get bone disease, including pain and tenderness of the bones. Children may get mottled teeth.
- 17) Lead. Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure.

**Volatile Organic Contaminants:**

- 73) THMs (Total Trihalomethanes). Some people who drink water containing trihalomethanes in excess of the MCL; over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.

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. Beginning January 1, 2004, the Mississippi State Department of Health (MSDH) required public water systems that use chlorine as a primary disinfectant to monitor/test for chlorine residuals as required by the Stage 1 Disinfection By-Products.

..... 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. Mt Zion 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 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. Immunocompromised 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.

..... 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 schedule deadline; however, during an audit of the Mississippi State Department of Health radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analysis and reporting of required to issue a violation. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601-576-7518. Please call our office if you have any questions.

Mississippi State Department of Health, Bureau of Public Water Supply, 1000 North State Street, Jackson, Mississippi 39201

For more information, please visit our website at [www.msdh.ms.gov](http://www.msdh.ms.gov) or call our toll-free number at 1-800-368-5878.

We appreciate your patience and understanding during this process. We will continue to work closely with EPA to resolve this issue as quickly as possible.

Thank you for your continued support and cooperation. We are committed to providing you with the highest quality public water supply.

Mississippi State Department of Health, Bureau of Public Water Supply

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