

RECEIVED-WATER SUPPLY  
2010 JUN 21 PM 4: 33



RECEIVED WATER SUPPLY  
2010 JUN 18 PM 6: 19

MISSISSIPPI STATE DEPARTMENT OF HEALTH

**BUREAU OF PUBLIC WATER SUPPLY**

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

MOORE BAYOU WATER ASSOCIATION, INC.  
Public Water Supply Name

PWS#: 0140012, 0140051 & 0140052  
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: 6/1/10

- 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: THE CLARKSDALE PRESS REGISTER & QUITMAN COUNTY DEMOCRAT

Date Published: 6/4/10

Date Published: 6/10/10

- CCR was posted in public places. *(Attach list of locations)*

Date Posted:     /     /    

- CCR was posted on a publicly accessible internet site at 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.

Charles M. Keys  
Name/Title (President, Mayor, Owner, etc.)

Secretary/Treasurer 06-16-2010  
Date

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

570 East Woodrow Wilson \* Post Office Box 1700 \* Jackson, MS 39215-1700  
601-576-8090 \* 1-866-HLTHY4U \* www.HealthyMS.com

Equal Opportunity in Employment/Services

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 2010 JUN -4 PM 12:48

2009 Annual Drinking Water Quality Report  
 Moore Bayou Water Association, Inc.  
 PWS#: 0140012, 0140051 & 0140052  
 May 2010

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 Meridian Upper 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 identified potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. 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 Moore Bayou Water Association have received a lower susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Charles M. Veazey at 662-326-6921. 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 meeting. They are held annually on the second Tuesday of each August at 6:00 PM at the Coahoma County Court House in the Supervisor's room.

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 we detected during for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2009. In cases where monitoring wasn't required in 2009, 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 for 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.

PWS ID #: 0140012		TEST RESULTS						
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding	Unit Measure-ment	MCLG	MCL	Likely Source of Contamination

								MCL/ACL		
<b>Inorganic Contaminants</b>										
8. Arsenic	N	2008*	.1	No Range	ppb	n/a	50	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes		
10. Barium	N	2008*	.008	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits		
14. Copper	N	2008*	.8	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives		
16. Fluoride**	N	2008*	.242	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories		
17. Lead	N	2008*	4	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits		
21. Selenium	N	2008*	5	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines		
<b>Disinfection By-Products</b>										
81. HAA5	N	2009	7.66	0 - 23	ppb	0	60	By-Product of drinking water disinfection.		
82. TTHM [Total trihalomethanes]	N	2009	16.66	16-20	ppb	0	80	By-product of drinking water chlorination.		
Chlorine	N	2009	.8	.5 - .8	ppm	0	MDRL = 4	Water additive used to control microbes		

<b>PWS ID #: 0140051 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>										
8. Arsenic	N	2008*	1.5	No Range	ppb	n/a	50	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes		
10. Barium	N	2008*	.008	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits		
13. Chromium	N	2008*	.8	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits		
14. Copper	N	2009	.6	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives		
16. Fluoride**	N	2008*	.355	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	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits		
21. Selenium	N	2008*	6.6	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines		
<b>Disinfection By-Products</b>										
81. HAA5	N	2009	8.25	4 - 12	ppb	0	60	By-Product of drinking water disinfection.		
82. TTHM [Total trihalomethanes]	N	2009	58	49 -68	ppb	0	80	By-product of drinking water chlorination.		
Chlorine	N	2009	.8	.7 -.8	ppm	0	MDRL = 4	Water additive used to control microbes		

<b>PWS ID #: 0140052</b>		<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>								
8. Arsenic	N	2008*	2.5	No Range	ppb	n/a	50	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008*	.015	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2008*	4.4	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2009	.8	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride**	N	2008*	.457	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	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2008*	10	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
<b>Disinfection By-Products</b>								
Chlorine	N	2009	.9	.6 - .9	ppm	0	MDRL = 4	Water additive used to control microbes

\* Most recent sample. No sample required for 2009.

\*\* Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.7 - 1.3 mg/l.

As you can see by the table, our system had no contaminant violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. 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. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. 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 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 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 1-800-426-4791.

The Moore Bayou 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.

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Table with 9 columns: Contaminant, Violation Y/N, Date Collected, Level Detected, Range of Detects or # of Samples Exceeding MCL/AQL, Unit Measurement, MCLG, MCL, Likely Source of Contamination. Row 1: PWS ID #: 0140012 TEST RESULTS

Table with 9 columns: Contaminant, Violation Y/N, Date Collected, Level Detected, Range of Detects or # of Samples Exceeding MCL/AQL, Unit Measurement, MCLG, MCL, Likely Source of Contamination. Row 1: PWS ID #: 0140052 TEST RESULTS

Table with 9 columns: Contaminant, Violation Y/N, Date Collected, Level Detected, Range of Detects or # of Samples Exceeding MCL/AQL, Unit Measurement, MCLG, MCL, Likely Source of Contamination. Section: Inorganic Contaminants. Rows include Arsenic, Barium, Chromium, Copper, Fluoride, Lead, Selenium. Section: Disinfection By-Products. Row: Chlorine.

\* Most recent sample. No sample required for 2009. \*\* Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.7 - 1.3 mg/L.

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# Proof of Publication

STATE OF MISSISSIPPI  
COUNTY OF QUITMAN

PERSONALLY appeared before me, a notary public in and for said County and State, JOSEPHINE B. FLEMING, who after being duly sworn, deposes and says that she is the publisher of the QUITMAN COUNTY DEMOCRAT, a newspaper published weekly in the City of Marks, in said County and State and that the MOORE BAYOU WATER QUALITY REPORT

a true copy of which is here attached, was published for 1 consecutive weekly issues in said newspaper as follows:

Table with 3 columns: Volume, Number, Date. Row 1: 104, 6, JUNE 10, 20 10

I also certify that the QUITMAN COUNTY DEMOCRAT is the official newspaper of Quitman County, Mississippi, and all incorporated towns therein, and that it is a legal newspaper, having been published consecutively each week for more than one year immediately preceding the publication of the attached legal advertisement.

(Signed) Josephine B. Fleming  
Publisher

Sworn to and subscribed before me this 11<sup>TH</sup> day of JUNE, 20 10  
Vivian B. Norris Notary Public  
My Commission Expires April 18, 2011  
(SEAL)



Inorganic Contaminants								
8. Arsenic	N	2008*	.1	No Range	ppb	n/a	50	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008*	.008	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2008*	.8	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride**	N	2008*	.242	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008*	4	0	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
21. Selenium	N	2008*	5	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines

Disinfection By-Products								
81. HAAS	N	2009	7.66	0 - 23	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM (Total trihalomethanes)	N	2009	16.66	16-20	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2009	.8	5 - 8	ppm	0	MDRL = 4	Water additive used to control microbes

PWS ID #: 0140051 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								
8. Arsenic	N	2008*	1.5	No Range	ppb	n/a	50	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008*	.008	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2008*	.8	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2009	.6	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride**	N	2008*	.355	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	2	0	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
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81. HAAS	N	2009	8.25	4 - 12	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM (Total trihalomethanes)	N	2009	58	49 - 68	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2009	.8	7 - 8	ppm	0	MDRL = 4	Water additive used to control microbes

The Clarksdale

# Press Register



RECEIVED-WATER SUPPLY  
2010 JUN 18 PM 6:19

## Proof of Publication

STATE OF MISSISSIPPI  
COUNTY OF COAHOMA

Personally appeared before me, a Notary Public in and for said County and State, the publisher, general manager, or his undersigned agent, of a newspaper, printed and published in the City of Clarksdale, in the county and state aforesaid, called **The Clarksdale Press Register**, who being duly sworn, deposed and said that the publication of a notice of which a true copy is hereto affixed, has been made in said paper for the period of 1 weeks consecutively to-wit:

In Vol. 145 No. 44, dated the 4<sup>th</sup> day of June, 2010

In Vol. \_\_\_\_\_ No. \_\_\_\_\_, dated the \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

In Vol. \_\_\_\_\_ No. \_\_\_\_\_, dated the \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

In Vol. \_\_\_\_\_ No. \_\_\_\_\_, dated the \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

In Vol. \_\_\_\_\_ No. \_\_\_\_\_, dated the \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

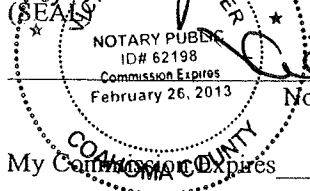
and that **The Clarksdale Press Register** has been published for a period of more than one year.

Brenda Keller

Publisher or Designated Agent  
For the Clarksdale Press Register

Sworn to and subscribed before me, this 4<sup>th</sup>

day of June, 2010



Vickie B Fricke  
Notary Public

My Commission Expires 2/26/13

To: Moore Bayou Water Assoc.

for taking the annexed publication of 64"  
words or the equivalent thereof for a total of 1

times \$ 627.20, plus \$3.00 for making each proof

of publication and depositing to same for a total cost of

\$ 630.20

Sandra R. Hite

For the Clarksdale Press Register

2009 Annual Drinking Water Quality Report  
 Moore Bayou Water Association, Inc.  
 PWS#: 0140012, 0140051 & 0140052  
 May 2010

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 Meridian Upper 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 identified potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. 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 Moore Bayou Water Association have received a lower susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Charles M. Veazey at 662-326-6921. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regular scheduled meeting. They are held annually on the second Tuesday of each August at 6:00 PM at the Cochonia County Court House in the Supervisor's room.

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 we detected during for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2009. In cases where monitoring wasn't required in 2009, 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 for 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.

PWS ID #: 0140012

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
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Inorganic Contaminants

9. Arsenic	N	2008*	.1	No Range	ppb	n/a	50	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008*	.008	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2008*	.8	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride**	N	2008*	242	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008*	4	0	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
21. Selenium	N	2008*	6	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines

Disinfection By-Products

01. HAA5	N	2008	7.68	0 - 23	ppb	0	50	By-Product of drinking water disinfection.
02. THM (Total trihalomethanes)	N	2008	16.66	16-20	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2008	.8	.5 - .8	ppm	0	MDRL = 4	Water additive used to control microbes



PWS ID #: 0140051

**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
<b>Inorganic Contaminants</b>								
8. Arsenic	N	2008*	1.6	No Range	ppb	n/a	50	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008*	.008	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2008*	.8	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2009	.8	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride**	N	2008*	.355	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	2	0	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
21. Selenium	N	2008*	6.6	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
<b>Disinfection By-Products</b>								
81. HAA5	N	2009	8.25	4 - 12	ppb	0	50	By-Product of drinking water disinfection.
82. TTHM (Total trihalomethanes)	N	2009	58	48 - 68	ppb	0	50	By-product of drinking water chlorination.
Chlorine	N	2009	.8	.7 - .8	ppm	0	MDRL = 4	Water additive used to control microbes

PWS ID #: 0140052

**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
<b>Inorganic Contaminants</b>								
8. Arsenic	N	2008*	2.5	No Range	ppb	n/a	50	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008*	.015	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2008*	4.4	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2009	.8	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride**	N	2008*	.457	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	2	0	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
21. Selenium	N	2008*	10	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
<b>Disinfection By-Products</b>								
Chlorine	N	2009	.9	.8 - .9	ppm	0	MDRL = 4	Water additive used to control microbes

\* Most recent sample. No sample required for 2009.

\*\* Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.7 - 1.3 mg/l.

As you can see by the table, our system had no contaminant violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. 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. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. 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 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 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 1-800-426-4791.

The Moore Bayou 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.

ACCOUNT NO.	SERVICE FROM	SERVICE TO
010011900	04/15	05/15
SERVICE ADDRESS		

RETURN THIS STUB WITH PAYMENT TO:  
**MOORE BAYOU WATER ASSN**  
P.O. BOX 374  
MARKS, MS 38646

PRESORTED  
FIRST-CLASS MAIL  
U.S. POSTAGE  
PAID  
PERMIT NO. 22  
MARKS, MS

METER READINGS		
CURRENT	PREVIOUS	USED
63627	62697	930
CHARGE FOR SERVICES		

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
	06/10/2010	
NET AMOUNT	SAVE THIS	GROSS AMOUNT
51.90	3.49	55.39

"CCR UPON REQUEST BY 6/20/10"

WTR 34.90  
GRB 17.00  
NET DUE >>> 51.90  
SAVE THIS >> 3.49  
GROSS DUE >> 55.39

**RETURN SERVICE REQUESTED**

010011900  
ETHEL BOULTON

4290 MULLENS/WILLIAMS  
LYON, MS 38645

ACCOUNT NO.	SERVICE FROM	SERVICE TO
010012200	04/15	05/15
SERVICE ADDRESS		

RETURN THIS STUB WITH PAYMENT TO:  
**MOORE BAYOU WATER ASSN**  
P.O. BOX 374  
MARKS, MS 38646

PRESORTED  
FIRST-CLASS MAIL  
U.S. POSTAGE  
PAID  
PERMIT NO. 22  
MARKS, MS

METER READINGS		
CURRENT	PREVIOUS	USED
759480	759100	380
CHARGE FOR SERVICES		

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
	06/10/2010	
NET AMOUNT	SAVE THIS	GROSS AMOUNT
19.69	2.11	21.80

"CCR UPON REQUEST BY 6/20/10"

WTR 18.40  
TAX 1.29  
NET DUE >>> 19.69  
SAVE THIS >> 2.11  
GROSS DUE >> 21.80

**RETURN SERVICE REQUESTED**

010012200  
CLARKSDALE COAHOMA CTY AIRPORT

PO BOX 406  
LYON, MS 38645

ACCOUNT NO.	SERVICE FROM	SERVICE TO
010012250	04/15	05/15
SERVICE ADDRESS		

RETURN THIS STUB WITH PAYMENT TO:  
**MOORE BAYOU WATER ASSN**  
P.O. BOX 374  
MARKS, MS 38646

PRESORTED  
FIRST-CLASS MAIL  
U.S. POSTAGE  
PAID  
PERMIT NO. 22  
MARKS, MS

METER READINGS		
CURRENT	PREVIOUS	USED
8192	8156	36
CHARGE FOR SERVICES		

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
	06/10/2010	
NET AMOUNT	SAVE THIS	GROSS AMOUNT
13.91	1.49	15.40

"CCR UPON REQUEST BY 6/20/10"

WTR 13.00  
TAX .91  
NET DUE >>> 13.91  
SAVE THIS >> 1.49  
GROSS DUE >> 15.40

**RETURN SERVICE REQUESTED**

010012250  
HANGAR SPACE, LLC

PO DRAWER 1000  
CLARKSDALE, MS 38614