



MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

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

BUNKERHILL WATER ASSN.
Public Water Supply Name

0460001
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: 6/16/10

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: PRETTISS HEADLIGHT

Date Published: 6/16/10

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

Date Posted: 6/16/10 JEFF DAVIS COUNTY LIBRARY
MADISON COUNTY LIBRARY

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.

Mark Davis
Name/Title (President, Mayor, Owner, etc.)

6-25-10
Date

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

2009 Annual Drinking Water Quality Report
BUNKERHILL WATER ASSOCIATION
PWS ID # 460001
JUNE 10, 2010

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 is from two wells producing water from the Citronelle Formation Aquifer.

Our source water assessment has been completed for our wells and it shows our wells have a lower susceptibility to contamination.

I'm pleased to report that our drinking water meets all federal and state requirements.

This report shows our water quality and what it means.

If you have any questions about this report or concerning your water utility, please contact Bobby Selman, our operator, at 601-455-0334. 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 monthly on the third Monday of every month at 6 P.M.

Bunkerhill 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, 2009. 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:

Non-Detects (ND) - laboratory analysis indicates that the constituent is not present.

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.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

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	MCL G	MCL	Likely Source of Contamination
Disinfectants & Disinfection By-Products (There is considerable evidence that addition of a disinfectant is necessary for control of microbial contaminants.)								
Chlorine (asCL ₂)	N	2009	0.93 (RAA) Running Annual Average	0.85-low 0.98-high	ppm	4.0	4.0	Water additive used to control microbes
Inorganic Contaminants								
10. Barium	N	3/8/06*	0.01310	0	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	8/18/08*	0.3	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	8/18/2008*	4.0	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

*most recent sample

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.

(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.

(19) Nitrate. Infants below the age of six months who drink water containing nitrate in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue-baby syndrome.

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).

***** 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 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. 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.

***** 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. Bunckerhill 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.

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 childrens future.

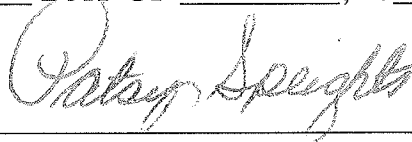
PROOF OF PUBLICATION

THE PRENTISS HEADLIGHT
P.O. BOX 1257
PRENTISS, MS 39474
(601)792-4221

THE STATE OF MISSISSIPPI, COUNTY OF JEFFERSON DAVIS:

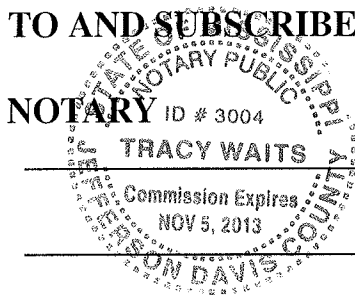
Personally appeared before me, the undersigned authority in and for the County and State aforesaid, Patsy Speights, who having been by me first duly sworn, states on oath that she is the General Manager of THE PRENTISS HEADLIGHT, a legal newspaper established and having a general circulation in the Town of Prentiss and said County and State aforesaid for more than twelve months prior to the first publication of the notice herein, a copy of which is hereto attached, and that said notice has been published in said newspaper _____ consecutive times with the respective numbers and dates as follows:

VOL. 104 NO. 40 ON THE 16th DAY OF June, 2010
VOL. _____ NO. _____ ON THE _____ DAY OF _____, 20____
VOL. _____ NO. _____ ON THE _____ DAY OF _____, 20____
VOL. _____ NO. _____ ON THE _____ DAY OF _____, 20____
VOL. _____ NO. _____ ON THE _____ DAY OF _____, 20____
VOL. _____ NO. _____ ON THE _____ DAY OF _____, 20____



Patsy Speights
General Manager

SWORN TO AND SUBSCRIBED BEFORE ME THIS 16th DAY OF June, 2010



2009 Annual Drinking Water Quality Report
BUNKERHILL WATER ASSOCIATION
 PWS ID # 460001
 JUNE 10, 2010

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality of 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 two wells producing water from the Onondaga Formation Aquifer.

Our source water assessment has been completed for our wells and it shows our wells have a lower susceptibility to contamination.

I'm pleased to report that our drinking water meets all federal and state requirements.

This report shows our water quality and what it means.

If you have any questions about this report or concerning your water utility, please contact Dobby Schmitt, our operator, at 601-455-8334. 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 monthly on the third Monday of every month at 6 P.M.

Bunkerhill 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, 2009. 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:

Not-Detect (ND): laboratory analysis indicates that the constituent is not present.

Parts per million (ppm) or Milligrams per liter (mg/L): one part per million corresponds to one minute to two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter (µg/L): one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

PicoCuries per liter (pCi/L): picoCuries per liter is a measure of the radioactivity in water.

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 Allowable (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 Action/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	Yield or Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure	MCL	MCLG	TT	Likely Source of Contaminant
Disinfectants & Disinfection By-Products (There is considerable evidence that addition of a disinfectant is necessary for the control of microbial contaminants.)									
Chlorine (as Cl ₂)	N	8/9/09	0.73 (0.6-0.8) Running Annual Average	0.85-low 0.98-high	ppm	4.0	4.0		Water additive used to control microbes
Inorganic Contaminants									
10. Barium	N	8/9/09	0.0131	0	Ppm	2	2		Discharge of drilling wastes, metal refineries, erosion of natural deposits
14. Copper	N	8/18/08	0.3	0	ppm	1.3	1.3	AL-1.3	Corrosion of household plumbing system erosion of natural deposits leaching from wood preservatives
17. Lead	N	8/18/2008	4.0	0	ppb	0	15	AL-15	Corrosion of household plumbing system erosion of natural deposits

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.

(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.

(19) Nitrate. Infants below the age of six months who drink water containing nitrate in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue-baby syndrome.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring in nature. These substances can be inorganic, organic, chemical and radioactive substances. All water, including bottled water, may reasonably be expected to contain at least small amounts of some of them. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information on contaminants and potential health effects can be obtained by calling the Environmental Protection Agency Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Infants, 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 are particularly at risk from infections. These people should seek advice about drinking water from their health providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

***** 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 complete 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 release of radiological compliance samples and results until further notice. Although this was not the result of the public water supply, MSDH was required to issue a violation. The Bureau of Public Water Supply is in action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parke, Deputy Director, 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 line home plumbing. Bunkerhill Water Association is responsible for providing high quality drinking water, cannot control the variety of materials used in plumbing components. When your water has been sitting 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 The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. contact 601.576.7582 if you wish to have your water tested.

We ask that all our customers help us protect our water sources, which are the heart of our community, of life and our children's future.