



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

City of Purvis
Public Water Supply Name

370009
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: 6/10/2010

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 Lamar Times

Date Published: 6/10/2010

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.

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

6-11-2010
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 City of Purvis 2009 Annual Drinking Water Report PWS Identification No. 370009

Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and state drinking water health standards. Local Water vigilantly safeguards its water supplies and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard.

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?

We are committed to ensuring the quality of your water. Our water source is Miocene Series and Hattiesburg Formation.

Source water assessment and its availability

Our source water assessment is complete and copies are available at our office. This report notifies public water systems and their customers regarding the susceptibility of their drinking water supplies to contamination. The rankings are as follows:

Well ID 370009-1 Lower (less than average chance of becoming contaminated).

Well ID 370009-02 Lower (than average chance of becoming contaminated).

Well ID 370009-03 Lower (than average chance of becoming contaminated).

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 (EPA) Safe Drinking Water Hotline (800-426-4791).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting 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 stormwater 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 stormwater 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, urban stormwater runoff, and septic systems; and 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. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

How can I get involved?

The City of Purvis 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 to December 31, 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.

Monitoring and reporting of compliance data violations

We constantly monitor for various constituents in the water supply to meet all regulatory requirements. The month of September 2006 the Mississippi State Department of Health (MSDH) require 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 rule. Our water system failed to complete these monitoring requirements; therefore, we cannot be sure of your water quality during this particular time. If you would like a list of the months we were out of compliance, please contact this water system. The month of September 2006, we did not take enough samples, but this did not pose a threat to the quality of our water supply.

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. City of Purvis 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>.

Water Quality Data Table

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Your Water	Range Low High	Sample Date	Violation	Typical Source
Disinfectants & Disinfectant By-Products							
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)							
Chlorine (as Cl ₂) (ppm)	4	4	0.59	NA	2009	No	Water additive used to control microbes
Inorganic Contaminants							
Arsenic (ppb)	0	10	0.85	NA	2009	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Barium (ppm)	2	2	0.012068	NA	2009	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Fluoride (ppm)	4	4	0.103	NA	2009	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories

Term	Definition
ppm	ppm: parts per million, or milligrams per liter (mg/L)
ppb	ppb: parts per billion, or micrograms per liter (µg/L)
NA	NA: not applicable
ND	ND: Not detected
NR	NR: Monitoring not required, but recommended.

Term	Definition
MCLG	MCLG: Maximum Contaminant Level Goal: 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.
MCL	MCL: Maximum Contaminant Level: 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.
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Variances and Exemptions	
Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.	
MRDLG	MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MRDL	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.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level

For more information please contact:

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(601) 268-2331 (601) 268-2965 fax

PROOF OF PUBLICATION

THE STATE OF MISSISSIPPI,
LAMAR COUNTY,

Personally appeared before me, the under-
signed, a notary public in and for Lamar
County, Mississippi, David R. Gustafson,
for THE LAMAR TIMES, weekly newspaper
published in Lamar County, Mississippi who,
being duly sworn, says that the notice, a true
copy of which is hereto annexed, appeared in
the issues of said newspapers as follows:

DATE: 06-10-10

DATE: _____

DATE: _____

DATE: _____

DATE: _____

DISPLAY AD

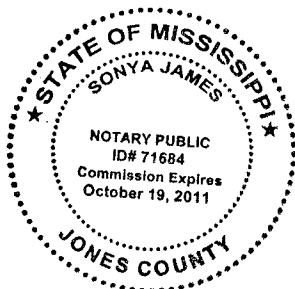
Ad Size 6x11

Published 1 Times

TOTAL PRINTERS FEE \$ 660.00

(Signed) W. R. M. H.
THE LAMAR TIMES

Sworn to and subscribed before me in my
Presence, this 10 day of June
2010, a Notary Public in and for the County
of Lamar, State of Mississippi.
(signed) Sonya James
Notary Public



2009 Drinking Water Quality City of Purvis 2009 Annual Water Report PWS Identific 370009

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Last year, as in years past, your tap water met all U.S. Environmental and state drinking water health standards. Local Water vigilantly safe and once again we are proud to report that our system has not violate level or any other water quality standard.

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Some people may be more vulnerable to contaminants in drinking water population. Immuno-compromised persons such as persons with cancer chemotherapy, persons who have undergone organ transplants, people with immune system disorders, some elderly, and infants can be particularly at risk. These people should seek advice about drinking water from their health care provider. EPA/Centers for Disease Control (CDC) guidelines on appropriate use of bottled water. Infection by Cryptosporidium and other microbial contaminants are not destroyed by boiling. Water Drinking Hotline (800-426-4791).

Where does my water come from?

We are committed to ensuring the quality of your water. Our water is sourced from the Hattiesburg Formation.

Source water assessment and its availability

Our source water assessment is complete and copies are available upon request. We notify public water systems and their customers regarding the source water supplies to contamination. The rankings are as follows:

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How can I get involved?

The City of Purvis routinely monitors for constituents in your drinking water. Federal and State Laws. This table shows the results of our monitoring from January 1 to December 31, 2009. As water travels over the land or through the ground, it dissolves naturally occurring minerals and, in some cases, man-made substances or contaminants such as microbes, inorganic, and organic substances. All drinking water, including bottled drinking water, contains at least small amounts of some constituents. The presence of these constituents does not necessarily pose a health risk.

Monitoring and reporting of compliance data violations

We constantly monitor for various constituents in the water to ensure compliance with Federal and State requirements. The month of September 2006 the Mississippi Department of Health (MSDH) require public water systems that use chlorination to disinfect their water to be required by the stage 1