



MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2009 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

Willow Grove Water Association
Public Water Supply Name

0160010
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.

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: 6/30/10

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 News Commercial

Date Published: 6/30/10

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.

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

7-12-10
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**  
**Willow Grove Water Association**  
PWS ID 0160010  
JUNE - 2010

We're very pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed about the excellent water services we have delivered to you over the past year. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water. Our water source is three wells. ***Our wells draw from the Catahoula Formation and the Miocene Aquifers.***

The source water assessment has been completed for this system to determine the overall susceptibility of our water supply to contamination. A report containing detailed information on how the determinations were made has been furnished and is available for viewing at our office. Our Final Susceptibility Assessment Rating was: Moderate for all wells.

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

If you have any questions about this report or concerning your water utility, please contact us at **601-765-0651**. 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 third Tuesday of every month at 6 PM at the Willow Grove Water Association Well Site Office.**

**Willow Grove 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>, **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:

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.

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

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.

*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).*

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>								
Barium	N	2008	0.05	.002-0.05	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Fluoride*	N	2008	0.509	NA	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Nitrate=Nitrite (as N)	N	2009	0.45	NA	ppm	0	10	Discharge from steel and pulp mills; erosion of natural deposits
Copper (Action level at consumer taps) (ppm)	N	2009	0.517	0	ppm	0.3	ACL=1.3	Corrosion of household plumbing systems; Erosion of natural deposits
Lead (Action level at consumer taps) (ppb)	N	2009	12	0	ppb	15	ACL=15	Corrosion of household plumbing systems; Erosion of natural deposits
<b>Disinfection Byproducts</b>								
Chlorine (as C/2)	N	2009	1.24	1.17-1.24	ppm	4	4	Water additive used to control microbes

\*

*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. Town of Pelahatchie 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.*

PWS-18016001K

Water Quality Report  
Water Association

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Water Quality Report. We want to keep you informed about  
last year. Our goal is and always has been, to provide to  
source is three wells. Our wells draw from the

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on how the determinations were made has been  
Susceptibility Assessment Rating was Moderate for all  
state requirements.

water utility, please contact us at 601-765-0651. We  
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g, chemotherapy, persons who have undergone organ  
orders, some elderly, and infants can be particularly at-  
rinking water from their health care providers. EPA/GDC  
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DATE	DATE	WELL	MCL	TYPE SOURCE OF CONTAMINATION
ppm	0	2	2	Discharge of drilling fluids, the use of natural materials, analysis of natural deposits
ppm	0	4	4	Discharge of natural deposits, which include which promotes growth, leach, discharge from fertilizer and aluminum containers
ppm	0	10	10	Discharge from road and fuel, miller, seepage of natural deposits
ppm	0	AC1411	AC1411	Corrosion of household plumbing systems, location of natural deposits
ppm	0	AC1415	AC1415	Corrosion of household plumbing systems, location of natural deposits
ppm	0	0	0	Water adding used in metal substances

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nd components associated with ceramic tiles and having  
high quality drinking water, but cannot control the variety  
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to have your water tested. Information on lead in  
like exposure is available from the Safe Drinking Water  
by State Department of Health Public Health  
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# Proof of Publication

STATE OF MISSISSIPPI  
COVINGTON COUNTY

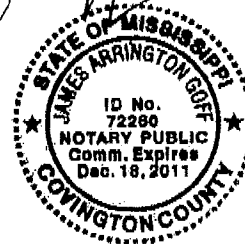
PERSONALLY APPEARED before me, the undersigned authority,  
in and for said County and State, **Analyne Arrington Goff**, Publisher  
of **THE NEWS-COMMERCIAL**, a newspaper published in Collins,  
said County, who being duly sworn, says the publication of a certain  
notice, a true copy of which is hereto attached, was made in said  
paper on the hereinafter dates, as follows, to-wit:

Vol. 108 No. 50 Dated June 30, 2010  
 Vol. \_\_\_\_\_ No. \_\_\_\_\_ Dated \_\_\_\_\_  
 Vol. \_\_\_\_\_ No. \_\_\_\_\_ Dated \_\_\_\_\_  
 Vol. \_\_\_\_\_ No. \_\_\_\_\_ Dated \_\_\_\_\_

Analyne A. Goff Publisher

Sworn to and subscribed before me, this the \_\_\_\_\_ day of \_\_\_\_\_, 2010.

James Arrington Goff Notary Public



Printer's Fee \$ 144.00  
 Proof of Publication \$ 3.00  
**TOTAL** \$ 147.00

Please Fold Open  
LEGAL Inside

2009 Annual Drink  
Willow Grove  
PWS  
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We're very pleased to provide you with this year's Annual Report on the excellent water services we have delivered to you and to provide you a safe and dependable supply of drinking water. Our water is sourced from the **Catahoula Formation and the Miocene Aquifers**.

The source water assessment has been completed for the year. A report containing detailed information is furnished and is available for viewing at our office. Our wells are regularly tested.

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

If you have any questions about this report or concerns, please contact our customer service representatives. We want our valued customers to be informed about their water. We hold our regular meetings. They are held on the 1st of the month at the Water Association Well Site Office.

**Willow Grove Water Association** routinely monitors for contaminants in our water. This table shows the results of our monitoring of water travels over the land or underground, if any pick up organic chemicals, and radioactive substances. All data is expected to contain at least small amounts of some contaminants does not necessarily pose a health risk.

In this table you will find many terms and abbreviations. Below these terms we've provided the following definitions:

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**Action Level** - the concentration of a contaminant which requires a water system to take corrective action.

**Maximum Contaminant Level (MCL)** - The "Maximum Allowable Concentration" of a contaminant in drinking water. MCLs are set as close to the MCLG as possible.

**Maximum Contaminant Level Goal (MCLG)** - The "Goal" MCLG is the level of a contaminant in drinking water at which there is no known or expected risk to health. MCLGs are not enforceable.

All sources of drinking water are subject to potential contamination. These substances can be microbes, inorganic or organic chemicals, and radioactive substances. The presence of contaminants does not necessarily indicate a health risk. For more information on contaminants and potential health effects can be obtained from the Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than others. These people include: infants and young children, pregnant women, nursing infants, the elderly, and people with compromised immune systems such as persons with cancer, kidney disease, liver disease, or transplants, people with HIV/AIDS or other immune system defects, and people who are taking certain medications. These people should seek advice from their health care providers about drinking water. Guidelines on appropriate means to lessen the risk of contaminants are available from the Safe Drinking Water Act.

Contaminant	Violation Y/N	Date Collected	Level Detected
<b>Inorganic Contaminants</b>			
Barium	N	2/08	0.18
Fluoride	N	2/08	0.309
Nitrite-Nitro (as N)	N	2/09	0.43
Copper (Action level at consumer tap) (ppm)	N	2/09	0.517
Lead (Action level at consumer tap) (ppb)	N	2/09	12
<b>Disinfection Byproducts</b>			
Chloride (as Cl <sup>-</sup> )	N	2/09	1.24

If excess levels of lead can cause serious health problems, lead in drinking water is primarily from plumbing. Lead in Pelahatchie is responsible for most of the lead in your water. When you flush your tap for 30 seconds, you reduce the lead exposure by flushing your tap for 30 seconds. If you are concerned about lead in your water, you can use bottled water, use boiling methods, and steps you can take to reduce lead in your water. For more information, call the Drinking Water Hotline or at 1-800-426-4791. Laboratory offers lead testing for \$10 per sample.

(One time: June 30, 2010)

**2009 CCR Contact Information**

Date: 7/28/10 Time: 3:40

PWSID: 160010

System Name: Willow Grove

Lead/Copper Language

Chlorine Residual (MRDL) RAA

Other Violation(S) Need Copy of entire CCR

Will correct report & mail copy marked "corrected copy" to MSDH.

Will notify customers of availability of corrected report on next monthly bill.

MRS Russell will Email CCR

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Spoke with Alisa Russell 601 765-0651  
(Operator, Owner, Secretary)  
Office Manager