

Pearlington Water & Sewer District Water Quality Data Table Corrected 2012 CCR

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. 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 vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table. **The items in BOLD are taken from the Pearlington Water & Sewer Districts' Distribution System. All other tests were taken from the Hancock County Utility Authority's Well, which provides us with our water. Any questions regarding detections should be directed to the Hancock County Utility Authority 228-467-3702.**

Contaminants	MCLG	MCL,	Your	Range		Sample	Violation	Typical Source
	or	TT, or		Low	High			
	MRDLG	MRDL	Water					
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	2.3	0.3	2.3	2012	No	Water additive used to control microbes
Inorganic Contaminants								
Barium (ppm)	2	2	0.0138	NA		2011	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Chromium (ppb)	100	100	0.6	NA		2011	No	Discharge from steel and pulp mills; Erosion of natural deposits
Fluoride (ppm)	4	4	0.396	NA		2011	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Volatile Organic Contaminants								
Xylenes (ppm)	10	10	0.00484	0.00362	0.00484	2012	No	Discharge from petroleum factories; Discharge from chemical factories
Ethylbenzene (ppb)	700	700	1.18	0.94	1.18	2012	No	Discharge from petroleum refineries

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<u>Contaminants</u>	<u>MCLG</u>	<u>AL</u>	<u>Your Water</u>	<u>Sample Date</u>	<u># Samples Exceeding AL</u>	<u>Exceeds AL</u>	<u>Typical Source</u>
Inorganic Contaminants							
Lead - action level at consumer taps (ppb)	0	15	2	2012	0	No	Corrosion of household plumbing systems; Erosion of natural deposits
Copper - action level at consumer taps (ppm)	1.3	1.3	0.9	2012	0	No	Corrosion of household plumbing systems; Erosion of natural deposits

Unit Descriptions	
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.

Important Drinking Water Definitions	
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

PEARLINGTON WATER & SEWER DIST

ACCOUNT NUMBER	DATE BILL MAILED
[REDACTED]	6/26/2013
PRESENT READING	SERVICE FROM
89025	5/24/2013
PREVIOUS READING	SERVICE TO
85996	6/25/2013
UNITS USED	DAYS USED
3029	32
DESCRIPTION	AMOUNT
Prev. Balance	\$0.00
Water	\$22.83
Sewer	\$40.00
CURRENT BILL DUE DATE	AMOUNT DUE BY DUE DATE
7/15/2013	\$62.83
AMOUNT DUE AFTER DUE DATE	\$72.83

SERVICE ADDRESS:
 16146 6th St
 KEEP THIS STUB
 FOR YOUR RECORDS

RETURN THIS STUB WITH PAYMENT TO:

Pearlington Water and Sewer Distric
 P O Box 130
 Pearlinton, MS 39572
 228-533-0037

ACCOUNT NUMBER	DUE DATE	AMOUNT DUE AFTER DUE DATE	AMOUNT DUE BY DUE DATE
00000101	7/15/2013	\$72.83	\$ 62.83

Pass due accounts will incur a \$10.00 late fee. Units used are gallons used. The corrected CCR 2012 is available at office.

RETURN SERVICE REQUESTED

[REDACTED]
 P O Box 3
 Pearlinton, MS 39572

ACCOUNT NUMBER	DATE BILL MAILED
PRESENT READING	SERVICE FROM
PREVIOUS READING	SERVICE TO
UNITS USED	DAYS USED
DESCRIPTION	AMOUNT

RETURN THIS STUB WITH PAYMENT TO:

ACCOUNT NUMBER	DUE DATE	AMOUNT DUE AFTER DUE DATE	AMOUNT DUE BY DUE DATE

Pearlington Water & Sewer District

2012 Drinking Water Report Consumer Confident Report

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 maintain the distribution system and protect our water resources. We are committed to ensuring the quality of your water. Our water is provided by the **Hancock County Utility Authority** well in Pearlington, located on 1st Street. The well is @1,500 feet deep and withdraws from the Miocene Aquifer.

The MS Dept. of Environmental Quality has completed the Source Water Assessment of the well. Our Susceptibility Assessment Ranking is rated at Lower. The full report may be viewed at the MSDEQ web site.

This report shows our water quality and what it means for the 2012 monitoring year. If you have any questions about this report or concerning your water utility, please contact **Pearlington Water & Sewer District at 228-533-0037**. Please attend any of our regularly scheduled meetings held on the **Thursday following the 2nd Tuesday of the Month, at the Pearlington Recover Center on Hwy 604 at 4:00 p.m.**

PWSD and HCUA routinely monitors for constituents in your drinking water according to Federal and State laws. The chemical analyses that were performed were all less than the Maximum Contaminate Level during the monitoring for the period of January 1st to December 31st, 2012. 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.

Shown below is the unit descriptions for Water Quality Data, should you request a copy of the test results. 2 microbiological samples were taken once a month and no positive E. Coli and Total Coliform samples were detected in the 2012 sampling period.

TERMS: ppm- parts per million, or milligrams per liter (mg/l) ppb-parts per billion, or micrograms per liter (ug/l).

NA	Not applicable
ND	Not detected
NR	Monitoring not required, but recommended
MCLG	Max Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known risk to health,
MCLGs	Allow for a margin of safety.
MCL	Maximum Contaminate Level-The "Max Allowed" 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.
AC	Action Level- concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

HCUA Monitored for the following required contaminants and there were NO Maximum Contaminant Levels exceeded.

Inorganics, Nitrate-Nitrite, Volatile Organic Compounds and Cyanide. **HCUA & PWSD had a Chlorine Running Annual Average of 1.0 mg/l (Max. is 4.0 mg/l)**

You may request a copy of the MS State Dept. of Health's results sheet from the

**Pearlington Water & Sewer District Office
228-533-0037**

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 Dept. 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. This is to notify you that as of this date, your water system has completed the monitoring requirements and is now in compliance with the Radionuclides Rule. If you have any questions, please contact Karen Walters, Director of Compliance & Enforcement, 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. PWSD 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>.

**Pearlington Water & Sewer District
P.O. Box 130 Pearlington, MS 39572
228-533-0037 FAX 228-533-0038**

**Office Hours: Monday-Friday 8:00 am-4:00 pm
Closed 12:30pm-1:00pm daily
After Hour Calls: 228-533-0037**

228-
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