



MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

**CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT
CERTIFICATION FORM**

West Jackson County Utility District
Public Water Supply Name

0300156
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: ___ / ___ / ___

- CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:

Date Mailed/Distributed: 6/22/11

- CCR was published in local newspaper. *(Attach copy of published CCR or proof of publication)*

Name of Newspaper: _____

Date Published: ___ / ___ / ___

- 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.

[Signature]
Name/Title (President, Mayor, Owner, etc.)

6/22/11
Date

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

2011 JUL -6 AM 8:39

CORRECTED COPY

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 Pascagoula & Graham Ferry Aquifers.

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 West Jackson Utility District have received a lower to moderate susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Darryl Sidaway at 228.872.3898. 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 second & fourth Tuesdays of the month at 9:00 AM at the District Office located at 7312 Rose Farm Rd.

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 were detected during the period of January 1st to December 31st, 2010. In cases where monitoring wasn't required in 2010, 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.

TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure-ment	MCL G	MCL	Likely Source of Contamination
Inorganic Contaminants								
10. Barium	N	2010	.002	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits

13. Chromium	N	2010	2.76	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2004/06*	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2010	.321	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2004/06*	6	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

Disinfection By-Products

81. HAA5	N	2008*	14	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2008*	37.21	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2010	.64	.64 – 1.29	ppm	0	MDRL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2010.

As you can see by the table, our system had no 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.

Significant Deficiencies

During a sanitary survey conducted on 3/17/10, the Mississippi State Department of Health cited the following deficiency:

1.) Well in flood zone (100year)

Corrective actions: The system is currently in a Bilateral Compliance Agreement with the Mississippi State Department of Health to complete the raising of the well heads above the new Base Flood Elevation. All deficiencies are scheduled to be completed by 1/01/14.

2.) Improperly constructed well (ex. Not properly grouted)

Corrective actions: The system is currently in a Bilateral Compliance Agreement with the Mississippi State Department of Health to decommission improperly constructed wells, install new water mains, and construct new wells and/or purchase water from the Jackson County Utility Authority. All deficiencies are scheduled to be completed by 1/01/14.

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. 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 water service line is solely the responsibility of the homeowner. West Jackson County Utility District does not endorse any individual or company for repair, replacement or warranty of the homeowner's water service line.

The West Jackson County Utility District 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.

2010 Annual Drinking Water Quality Report

West Jackson County Utility District

PWS#: 0300156

May 2011

2010 ANNUAL DRINKING WATER QUALITY REPORT
 2011 JUN -2 AM 8:00

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17. Lead	N	2004/06*	6	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

Disinfection By-Products

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The West Jackson County Utility District 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.

Company Detail	
Company Name	WEST JACKSON COUNTY UTILITY DISTRICT
Address	7312 ROSE FARM RD OCEAN SPRINGS, MS 39564-9319
Contact Name	MR. DARRYL SIDAWAY
Phone Number	(228)872-3898
Profit Indicator	P
PS Form 3607R - Mailing Transaction Receipt	
Permit Holder Permit Number	53
Permit Holder Permit Type	PI
Permit Holder CRID	3718822
Mailing Agent Name	WEST JACKSON COUNTY UTILITY DISTRICT
Mailing Agent Permit Number & Type	53 PI
Mail Owner Name	WEST JACKSON COUNTY UTILITY DISTRICT
Mail Owner Permit Number & Type	53 PI
Customer Reference ID	
CAPS Transaction Number	N/A
Class of Mail	Standard Mail
Processing Category	Letters
Postage Statement ID	114446965
Mailing Group ID	96291463
Mailer's Mailing Date	06/21/2011
Total Pieces	6,492 pcs.
Weight of a single-piece	0.0206 lbs.
Total Weight	133.7352 lbs.
Total Number of Containers	10
Additional Postage	
Total Postage	\$ 1,415.90
Payment Date and Time	06/21/2011 19:49
Payment Transaction Number	201117219493618M1
Transaction Adjusted?	No
Person authorizing adjustment	
Name	
Phone Number	
Accepted at	BMEU GULFPORT - 39503-9997
Cost Center	273146-0515
Acceptance Site Mailer ID	
Clerk Initials	CAM
Mail Arrival Date and Time	06/21/2011 15:14

Thank you!
Carol M.

PSRST STD
U.S. Postage Paid
Gulfport, MS
Permit # ES

2010
ANNUAL NEWS &
DRINKING WATER
QUALITY REPORT

West Jackson
County Utility
District
PWS ID # 0300156



We're pleased to present to you this year's Annual News & Quality Drinking Water Report. We want to keep you informed about the quality water and services we deliver to you every day. Our constant goal is and always has been to provide you with a safe and dependable supply of drinking water.

We want our valued customers to be informed about their water utility. If you have any questions, please contact Darryl Sidaway at 228.872.3998. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the second & fourth Tuesdays of each month at 9:00 AM at the District Office located at 7312 Rose Farm Road.

West Jackson County Utility District
Post Office Box 1230
7312 Rose Farm Road
Ocean Springs MS 39566

West Jackson County Utility District
May 2011



Where do we get our Water?

Our underground water is pumped from wells drawing from the Pascagoula and Graham Ferry Aquifers.

Source Water Protection

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. The wells for the WJCID have received a moderate to higher general susceptibility rankings to contamination. 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 at our office upon request.

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Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

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Volatile Organic Contaminants											
10. Xylenes	N	2009	063	.005-003	ppm	10	10	Discharge from petroleum factories; discharge to chemical factories			
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WJUCD
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Phone: 228.872.3898
Fax: 228.872.3861



RECEIVED - WATER SUPPLY

JUL 1 10 09:39



West Jackson County Utility District

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Ocean Springs, MS 39564

P.O. Box 1230
Ocean Springs, MS 39566-1230

Phone (228) 872-3898

Fax (228) 872-3861

July 1, 2011

Bureau of Public Water Supply
P.O. Box 1700
Jackson, MS 39215
Att: Karen Walters

Re: 2011 CCR Correction

Dear Karen,

As per our conversation I have enclosed a corrected copy West Jackson County Utility District's 2011 Consumer Confidence Report. As discussed the error was under the Unit Measurement for Chromium, what should have been ppb was sent as ppm. Thank you for your assistance in this matter.

Sincerely,

Darryl Sidaway
General Manager

Enclosure(s)