



2011 JUN 29 PM 2:44

MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

PEARL RIVER VALLEY WATER SUPPLY DISTRICT
Public Water Supply Name

P.W.S. #450019 - MAIN HARBOR
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 WEBSITE: therez.ms

Date customers were informed: 6/28/2011

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 MADISON COUNTY HERALD

Date Published: 6/28/2011

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. therez.ms

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.

Signature of official
Name/Title (President, Mayor, Owner, etc.)

6/28/11
Date

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



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MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

PEARL RIVER VALLEY WATER SUPPLY DISTRICT
Public Water Supply Name

P.W.S. # 450024 - TWIN HARBOR
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 WEBSITE: www.therez.ms

Date customers were informed: 6/28/2011

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 MADISON COUNTY HERALD

Date Published: 6/28/2011

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.therez.ms

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

Date 6/28/11

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

**PROOF OF PUBLICATION  
THE STATE OF MISSISSIPPI  
MADISON COUNTY**

**PASTE PROOF HERE**

PERSONALLY appeared before me, the undersigned notary public in and for Hinds County, Mississippi,

CANDI RICHARDSON

an authorized clerk of THE MADISON COUNTY HERALD, a newspaper as defined and prescribed in Sections 13-3-31 and 13-3-32, of the Mississippi Code of 1972, as amended, who, being duly sworn, states that the notice, a true copy of which is hereto attached, appeared in the issues of said newspaper as follows:

6/28/11

Signed *Candi Richardson*  
Authorized Clerk of  
The Madison County Herald

SWORN to and subscribed before me the 28th day of June, 2011.

*Rick Tyler*  
Notary Public  
RICK TYLER

Notary Public State of Mississippi at Large.  
Bonded thru Notary Public Underwriters

(SEAL)



**2010 Drinking Water Quality Report**  
 Pearl River Valley Water Supply District  
 SYSTEM: PEARL RIVER VALLEY  
 PWS ID: 450010

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality and safety of the water you receive from your water utility. Our continued goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continuously improve our water treatment process and protect our water resources. We are committed to ensuring the quality of your water.

If you have any questions about this report or concerning your water utility, please contact Phillip Hunt at 601-992-9714. It is very important to us that our valued customers are fully informed about their system. The District is an agency of the State of Mississippi and is subject to a Board of Directors. You are welcome to attend these meetings. The regularly scheduled meetings are held at 8:30 a.m. on the third Thursday of each month in the District Boardroom located at 119 Madison Landing Drive, Ridgeland, Mississippi.

Read these tables below to see how we monitor for contaminants in your drinking water according to Federal and State laws. The table quality data below lists all of the drinking water contaminants that we detected during the calendar year of this report, January 1st to December 31st, 2010. The presence of a contaminant in the water does not necessarily indicate that the water poses a health risk. A contaminant level, if detected, is shown in this table as from testing done in the calendar year of the report.

**Is my water safe?**  
 Last year, we conducted tests for many contaminants. This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. Pearl River Valley Water Supply District is committed to providing you with information because informed customers are our best allies.

**Are there any special precautions?**  
 Some people may be more vulnerable to contaminants in drinking water than the general population. Infants and young children, pregnant women, the elderly, and those with underlying medical conditions, people who are taking medication, and people who have recently had surgery are at greater risk from drinking water. These people should seek advice about drinking water from their health care providers. EPA's Office for Chemical Safety (OCS) provides an appropriate means to learn more about the health effects of chemical contaminants are available from the Safe Water Drinking Hotline (800-426-4787).

**Where does my water come from?**  
 Our primary water source is from the wells using water from the Sports Aquifer. Our groundwater source has been categorized as MODERATE in terms of susceptibility to contamination. For a complete report, please contact our office at 601-992-9714.

**How safe are contaminants in my drinking water?**  
 Drinking water, including bottled water, may occasionally be contaminated by certain inorganic and synthetic substances. 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 (800-426-4787).

**Additional information for lead**  
 Lead is a natural element that can be found in pipes, solder, and fittings. Lead is also found in some lead-based paints, leaded gasoline, and lead-acid batteries. Lead is a toxic substance that 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. Pearl River Valley Water Supply District 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/lead>. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601-727-2527 if you wish to have your water tested.

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of a contaminant 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.

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 Pearl River Valley Water Supply District  
 SYSTEM: PEARL RIVER VALLEY  
 PWS ID: 450010

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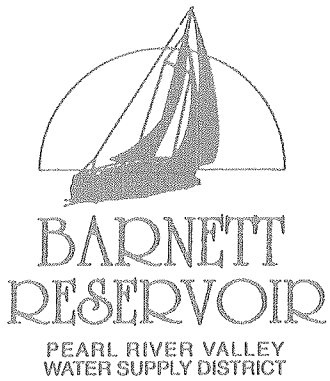
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WATER QUALITY DATA TABLE																
Contaminant	Maximum Contaminant Level	Unit of Measure	Amount of Contaminant in Sample, Reporting Unit	Unit of Measure	SDWA MCL	MS MCL	Other Source of Contaminant	Contaminant	Location	Date Collected	Level Detected	Range of Detects or if Exceeding MCL/MSL	Unit of Measure	MCL	MSL	Other Source of Contaminant
<b>DISINFECTANTS &amp; DISINFECTION BY PRODUCTS</b>																
Chlorine Dioxide	8.0	mg/L	0.0	mg/L	8.0	8.0	By-product of drinking water disinfection	Chlorine Dioxide	N	February 2010	0.0	0	mg/L	8.0	8.0	By-product of drinking water disinfection
<b>BIOGASES CONTAMINANTS</b>																
Arsenic	0.05	mg/L	0.005	mg/L	0.05	0.05	Discharge from petroleum refineries, by industrial, chemical, electronic, and other	Arsenic	N	February 2010	0.005	0	mg/L	0.05	0.05	Discharge from petroleum refineries, by industrial, chemical, electronic, and other
Barium	2.0	mg/L	0.005	mg/L	2.0	2.0	Discharge of effluents, discharge from metal refineries, erosion of natural deposits	Barium	N	February 2010	0.005	0	mg/L	2.0	2.0	Discharge of effluents, discharge from metal refineries, erosion of natural deposits
Beryllium	0.04	mg/L	0.004	mg/L	0.04	0.04	Discharge from metal refineries and coal-burning, nuclear, discharge from smelters, and other industrial	Beryllium	N	February 2010	0.004	0	mg/L	0.04	0.04	Discharge from metal refineries and coal-burning, nuclear, discharge from smelters, and other industrial
Cadmium	0.05	mg/L	0.002	mg/L	0.05	0.05	Control of selected pipes, smelter and other sources, discharge from metal refineries and other industrial	Cadmium	N	February 2010	0.002	0	mg/L	0.05	0.05	Control of selected pipes, smelter and other sources, discharge from metal refineries and other industrial
Chromium	0.1	mg/L	0.01	mg/L	0.1	0.1	Discharge from steel and other mills, erosion of natural deposits	Chromium	N	February 2010	0.00008	0	mg/L	0.1	0.1	Discharge from steel and other mills, erosion of natural deposits
Copper	1.3	mg/L	0.1	mg/L	1.3	1.3	Discharge from household plumbing systems, erosion of natural deposits, leaching from wood preservatives	Copper	N	June 2009	0.1435	0	mg/L	1.3	1.3	Discharge from household plumbing systems, erosion of natural deposits, leaching from wood preservatives
Fluoride	2.0	mg/L	0.12	mg/L	2.0	2.0	Discharge from phosphate fertilizers, discharge from electric and electronic production wastes	Fluoride	N	October 2010	0.17	0	mg/L	2.0	2.0	Discharge from phosphate fertilizers, discharge from electric and electronic production wastes
Lead	0.01	mg/L	0.001	mg/L	0.01	0.01	Erosion of natural deposits, leaching from pipes which produce strong acids, discharge from fertilizers and agricultural practices	Lead	N	February 2010	0.001	0	mg/L	0.01	0.01	Erosion of natural deposits, leaching from pipes which produce strong acids, discharge from fertilizers and agricultural practices
Mercury	0.02	mg/L	0.001	mg/L	0.02	0.02	Discharge of household plumbing systems, erosion of natural deposits	Mercury	N	June 2009	0.001	0	mg/L	0.02	0.02	Discharge of household plumbing systems, erosion of natural deposits
Nitrate	10	mg/L	0.0	mg/L	10	10	Discharge from petroleum refineries, by industrial, chemical, electronic, and other	Nitrate	N	February 2010	0.005	0	mg/L	10	10	Discharge from petroleum refineries, by industrial, chemical, electronic, and other
Nitrite	3.0	mg/L	0.0	mg/L	3.0	3.0	Discharge from petroleum refineries, by industrial, chemical, electronic, and other	Nitrite	N	February 2010	0.0	0	mg/L	3.0	3.0	Discharge from petroleum refineries, by industrial, chemical, electronic, and other
Selenium	0.07	mg/L	0.0	mg/L	0.07	0.07	Discharge from petroleum refineries, by industrial, chemical, electronic, and other	Selenium	N	February 2010	0.0	0	mg/L	0.07	0.07	Discharge from petroleum refineries, by industrial, chemical, electronic, and other
Thallium	0.02	mg/L	0.0	mg/L	0.02	0.02	Discharge from petroleum refineries, by industrial, chemical, electronic, and other	Thallium	N	February 2010	0.0004	0	mg/L	0.02	0.02	Discharge from petroleum refineries, by industrial, chemical, electronic, and other





June 29, 2011

Bureau of Public Water Supply  
P.O. Box 1700  
Jackson, Mississippi 39215

Re: CCR'S

Dear Sir:

One folder with the enclosed 2010 Consumer Confidence Reports were delivered to Bureau of Public Water Supply in Jackson, MS on June 29, 2011.

- 1) PRVWSD / Hwy 43 - Lake Harbor System / P.W.S. No. 610035
- 2) PRVWSD / Pelahatchie Bay System / P.W.S. No. 610036
- 3) PRVWSD / Main Harbor System / P.W.S. No. 450019
- 4) PRVWSD / Twin Harbor System / P.W.S. No. 450024

Please sign or initial and date along the lines below that you received.

-----  
Signature

-----  
Time

-----  
Date

Thank You,

Phillip Hunt

Division Director II (Reservoir Maintenance Facility)  
Senior Certified Engineering Technician  
Certified Waterworks Operator – D03234