

2012 JUN 19 AM 11:53

**BUREAU OF PUBLIC WATER SUPPLY****CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT  
CERTIFICATION FORM**PEARL RIVER VALLEY WATER SUPPLY DISTRICT  
Public Water Supply NameP.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: 6/12/12

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

Date Mailed/Distributed: 1/1

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

Name of Newspaper: THE MADISON COUNTY HERALD

Date Published: 6/12/12

CCR was posted in public places. *(Attach list of locations)*

Date Posted: 1/1

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.

*John Simpson*  
Name/Title (President, Mayor, Owner, etc.)

6-19-2012  
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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**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:

06/12/12

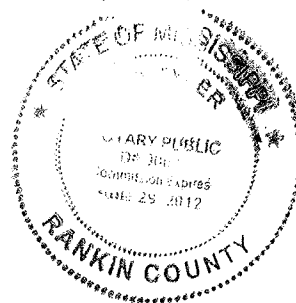
Signed *Candi Richardson*  
Authorized Clerk of  
The Madison County Herald

SWORN to and subscribed before me the 12th day of June, 2012.

*Rick Tyler*  
Notary Public  
RICK TYLER

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

(SEAL)



**2011 Drinking Water Quality Report**  
 Pearl River Valley Water Supply District  
 System: PRRVSD - THIS REPORT  
 PWS ID: 450024

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 improve the 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 601-982-9714. It is very important that the regular customers are fully informed about their system. The District is an agency of the State of Mississippi and is managed by 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 Tuesday of each month in the District boardroom located at 118 Madison Landing Circle, Ridgeland, Mississippi.

The Pearl River Valley Water Supply District routinely monitors for contaminants in your drinking water according to Federal and State laws. The latest quality data table below lists all of the drinking water contaminants that we detected during the calendar year of this report, January 1st to December 31st, 2011. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. These data are noted, the data presented in this table is from testing done in the calendar year of the report.

**Why water quality?**  
 Lead is a common contaminant for many contaminants. This report is a snapshot of last year's water quality. Included are details about where lead comes from, what it controls, 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 asset.

**Who should take special precautions?**  
 Some people may be more susceptible to contaminants in drinking water than the general population. Immuno-compromised persons such as people 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 infection. These people should seek advice about drinking water from their health care providers. EPA's Office 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 Institute (800-426-4791).

**Where does your water come from?**  
 Our groundwater source is from four wells using water from the Sparta Aquifer. Our source water assessment has been completed. Our wells were rated MODERATE in terms of susceptibility to contamination. For a copy of the report, please contact our office at 601-982-9714.

**Why are there contaminants in my drinking water?**  
 Drinking water, including bottled water, may occasionally 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 Safe Drinking Water Hotline (800-426-4791).

**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 lead pipes 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 cooking or drinking. 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 601-276-7582 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 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.

| WATER QUALITY DATA TABLE                            |               |                  |                |                                     |                 |       |        |        |   |
|---|---------------|------------------|----------------|-------------------------------------|-----------------|-------|--------|--------|---|
| Contaminant   | Health Effect | Test Schedule    | Level Detected | Range of Detects at 4 or More Sites | Unit of Measure | MCL   | MCL    | MCL    | Primary Source of Contamination   |
| <b>DISINFECTANTS &amp; DISINFECTION BY-PRODUCTS</b> |               |                  |                |                                     |                 |       |        |        |   |
| Trihalomethanes (TTHM)                              |               | Quarterly (2011) | 0.12           | 0                                   | ppm             | 0.10  | 0.10   | 0.10   | By-product of drinking water disinfection   |
| <b>ORGANIC CONTAMINANTS</b>                         |               |                  |                |                                     |                 |       |        |        |   |
| Atrazine  | H             | February 2011    | 0.005          | 0                                   | ppm             | 0.05  | 0.05   | 0.05   | Residue from herbicide application; for synthetic pesticide, electronic water   |
| Aspartame   | H             | February 2011    | 0.001          | 0                                   | ppm             | NA    | 0.10   | 0.10   | Residue of natural deposits, runoff from pesticide runoff from farm and electronic production plants                                |
| Baclofen  | H             | February 2011    | 0.000009       | 0                                   | ppm             | 2     | 2      | 2      | Discharge of other waste, discharge from metal refineries, animal or natural deposits   |
| Benzalkonium  | H             | February 2011    | 0.000          | 0                                   | ppm             | 0.004 | 0.004  | 0.004  | Discharge from metal refineries and coal-burning facilities, discharge from metal, ammonia and sodium hydroxide                     |
| Cadmate   | H             | February 2011    | 0.005          | 0                                   | ppm             | 0.02  | 0.02   | 0.02   | Corrosion of galvanized pipes, leachate of sulfur dioxide, discharge from metal refineries, runoff from metal refineries and plants |
| Chloroform  | H             | February 2011    | 0.00006        | 0                                   | ppm             | 0.1   | 0.1    | 0.1    | Discharge from water and pipe leaks, leachate of sulfur dioxide   |
| Cyfluthrin  | H             | June 2009        | 0.1458         | 0                                   | ppm             | 1.3   | AL-1.3 | AL-1.3 | Corrosion of household plumbing systems, residue of insecticides, leachate from wood preservatives                                  |
| Cyfluthrin  | H             | October 2011     | 0.015          | 0                                   | ppm             | 0.7   | 0.7    | 0.7    | Discharge from agricultural facilities, discharge from plastic and fertilizer factories   |
| Fluoride  | H             | February 2011    | 0.045          | 0                                   | ppm             | 4     | 4      | 4      | Residue of natural deposits, water source which provides fluoride, discharge from fertilizer and ammonium fertilizers               |
| Lead  | H             | June 2011        | 0.001          | 0                                   | ppm             | 0.01  | 0.01   | 0.01   | Corrosion of household plumbing systems, erosion of natural deposits  |
| Aluminum Sulfate                                    | H             | February 2011    | 0.0005         | 0                                   | ppm             | 0.02  | 0.02   | 0.02   | Residue of natural deposits, discharge from refineries and fertilizer, runoff from fertilizer, runoff from fertilizer               |
| Malathion   | H             | March 2011       | 0.02           | 0                                   | ppm             | 10    | 10     | 10     | Residue of herbicide use, leachate from metal refineries, discharge from metal refineries   |
| Metolachlor   | H             | March 2011       | 0.02           | 0                                   | ppm             | 1     | 1      | 1      | Residue of herbicide use, leachate from metal refineries, discharge from metal refineries   |
| Propiconazole                                       | H             | February 2011    | 0.0005         | 0                                   | ppm             | 0.05  | 0.05   | 0.05   | Discharge from pulp mills and other industries, erosion of natural deposits, discharge from farms                                   |
| Trihalomethanes                                     | H             | February 2011    | 0.0005         | 0                                   | ppm             | 0.05  | 0.05   | 0.05   | Discharge from pulp mills and other industries, erosion of natural deposits, discharge from farms                                   |
| <b>INORGANIC CONTAMINANTS</b>                       |               |                  |                |                                     |                 |       |        |        |   |
| Asbestos  | H             | July 2011        | <0.5           | 0                                   | ppm             | 0     | 0      | 0      | Discharge from asbestos handling from ore processing and other uses   |
| Cadmium   | H             | July 2011        | <0.5           | 0                                   | ppm             | 0     | 0      | 0      | Discharge from industrial plants and other industrial activities  |

