

MISSISSIPPI STATE DEPARTMENT OF HEALTH  
BUREAU OF PUBLIC WATER SUPPLY  
CCR CERTIFICATION FORM  
CALENDAR YEAR 2012

2012 JUN -6 PM 12: 25

HIGHWAY 49 MOBILE HOME PARK  
Public Water Supply Name

0240239

List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) 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 or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. Since this is the first year of electronic delivery, we request you mail or fax a hard copy of the CCR and Certification Form to MSDH. Please check all boxes that apply.

Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)

- Advertisement in local paper (attach copy of advertisement)
- On water bills (attach copy of bill)
- Email message (MUST Email the message to the address below)
- Other \_\_\_\_\_

*unrefered system*

Date(s) customers were informed:   /  /  

CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used mailed

Date Mailed/Distributed: 4/29/13

CCR was distributed by Email (MUST Email MSDH a copy) Date Emailed:   /  /  

- As a URL (Provide URL \_\_\_\_\_)
- As an attachment
- As text within the body of the email message

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 following address (DIRECT URL REQUIRED):  
\_\_\_\_\_

**CERTIFICATION**

I hereby certify that the 2012 Consumer Confidence Report (CCR) has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. 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.

Shimmie L. Williams - owner  
Name/Title (President, Mayor, Owner, etc.)

X 4/29/13  
Date

Deliver or send via U.S. Postal Service:  
Bureau of Public Water Supply  
P.O. Box 1700  
Jackson, MS 39215

May be faxed to:  
(601)576-7800

May be emailed to:  
[Melanie.Yanklowski@msdh.state.ms.us](mailto:Melanie.Yanklowski@msdh.state.ms.us)

# 2012 Drinking Water Quality Report

## Highway 49 Mobile Home Park

### PWS 0240239

CORRECTED COPY

#### **Is my water safe?**

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best allies.

#### **Do I need to take special precautions?**

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/Centers 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 Hotline (800-426-4791).

#### **Where does my water come from?**

Our water supply comes from the Miocene system aquifer, which includes: CTHL, GRMF, HBRG, or PCGL.

#### **Source water assessment and its availability**

The source water assessment ranks our water supply as moderate for susceptibility to contamination. This report is available in the office.

#### **Why are there contaminants in my drinking water?**

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 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 (800-426-4791).

#### **How can I get involved?**

If you have any questions concerning your drinking water, please contact Sammie Williams at 228.424.6389.

#### **APRIL 1, 2013 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 Department 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.

## Monitoring and reporting of compliance data violations

Our 2011 Consumer Confidence Report failed to include the results for the contaminant uranium. This resulted in a violation of the Consumer Confidence Rule. These results were furnished to all customers in the required time and the violation was lifted.

Our water system recently violated a drinking water standard. Even though this was not an emergency, as our customers, you have a right to know what happened, what you should do, and what we are doing to correct the situation.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During April, 2012, 1 routine bacteriological sample tested positive for total coliform. The law requires that valid resamples be collected for each positive routine sample within 24 hours. We collected the required resamples in a timely manner, but due to a clerical error the sample paperwork was improperly completed. This caused our system to not receive credit for the four resamples collected.

What should I do?

There is nothing you need to do at this time.

The table below lists the contaminant we failed to resample, how many resamples we are required to take, how many resamples were taken, and when resamples should have been taken.

| Contaminant            | Number of resamples required | Number of resamples taken | When all resamples should<br>have been taken |
|------------------------|------------------------------|---------------------------|--|
| <u>BACTERIOLOGICAL</u> | 4                            | 2                         | 04/17/12                                     |

What happened? What is being done to correct the violation?

The following specifies the corrective actions this public water supply has taken in response to this violation:

We have since taken the required samples, as described in the last column of the table above. The samples showed we are meeting drinking water standards. We will make every effort to collect all required samples by the deadline and complete all paperwork properly in the future.

If you have any questions, please contact Sammie Williams, 13192 Williams Rd., Gulfport, MS 39503, 228-424-6389.

## 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. Highway 49 Mobile Home Park 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>.

# Water Quality Data Table

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.

| Contaminants  | MCLG<br>or<br>MRDLG | MCL,<br>TT, or<br>MRDL | Your<br>Water | Range<br>Low   High |          | Sample<br>Date | Violation | Typical Source   |
|---|---------------------|------------------------|---------------|---------------------|----------|----------------|-----------|--|
| <b>Disinfectants &amp; Disinfectant By-Products</b>   |                     |                        |               |                     |          |                |           |  |
| (There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants) |                     |                        |               |                     |          |                |           |  |
| Chlorine (as Cl <sub>2</sub> ) (ppm)  | 4                   | 4                      | 1.5           | 1.4                 | 1.6      | 2012           | No        | Water additive used to control microbes  |
| <b>Inorganic Contaminants</b>   |                     |                        |               |                     |          |                |           |  |
| Nitrate [measured as Nitrogen] (ppm)  | 10                  | 10                     | 0.08          | NA                  |          | 2012           | No        | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits                              |
| Nitrite [measured as Nitrogen] (ppm)  | 1                   | 1                      | 0.02          | NA                  |          | 2012           | No        | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits                              |
| Cyanide [as Free Cn] (ppb)  | 200                 | 200                    | 15            | 15                  | 15       | 2011           | No        | Discharge from plastic and fertilizer factories; Discharge from steel/metal factories                                    |
| Antimony (ppb)  | 6                   | 6                      | 0.5           | 0.5                 | 0.5      | 2011           | No        | Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder; test addition.                      |
| Arsenic (ppb)   | 0                   | 10                     | 0.5           | 0.5                 | 0.5      | 2011           | No        | Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes                   |
| Barium (ppm)  | 2                   | 2                      | 0.02639       | 0.025798            | 0.026399 | 2011           | No        | Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits                               |
| Beryllium (ppb)   | 4                   | 4                      | 0.5           | 0.5                 | 0.5      | 2011           | No        | Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace, and defense industries |

|                           |     |     |       |       |       |      |    |   |
|---------------------------|-----|-----|-------|-------|-------|------|----|---|
| Cadmium (ppb)             | 5   | 5   | 0.5   | 0.5   | 0.5   | 2011 | No | Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries; runoff from waste batteries and paints |
| Chromium (ppb)            | 100 | 100 | 0.5   | 0.5   | 0.5   | 2011 | No | Discharge from steel and pulp mills; Erosion of natural deposits  |
| Fluoride (ppm)            | 4   | 4   | 0.411 | 0.409 | 0.411 | 2011 | No | Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories           |
| Mercury [Inorganic] (ppb) | 2   | 2   | 0.5   | 0.5   | 0.5   | 2011 | No | Erosion of natural deposits; Discharge from refineries and factories; Runoff from landfills; Runoff from cropland                   |
| Selenium (ppb)            | 50  | 50  | 2.5   | 2.5   | 2.5   | 2011 | No | Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines                                    |
| Thallium (ppb)            | 0.5 | 2   | 0.5   | 0.5   | 0.5   | 2011 | No | Discharge from electronics, glass, and Leaching from ore-processing sites; drug factories   |

**Radioactive Contaminants**

|                                   |   |    |      |      |      |      |    |                             |
|-----------------------------------|---|----|------|------|------|------|----|-----------------------------|
| Uranium (ug/L)                    | 0 | 30 | 0.5  | 0.5  | 0.5  | 2012 | No | Erosion of natural deposits |
| Alpha emitters (pCi/L)            | 0 | 15 | 0.7  | 0.7  | 0.7  | 2012 | No | Erosion of natural deposits |
| Radium (combined 226/228) (pCi/L) | 0 | 5  | 0.54 | 0.54 | 0.54 | 2012 | No | Erosion of natural deposits |

| <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 | 2007 | 0 | No | Corrosion of household plumbing systems; Erosion of natural deposits |
| Copper - action level at consumer taps (ppm) | 1.3 | 1.3 | 0 | 2007 | 0 | No | Corrosion of household plumbing systems; Erosion of natural deposits |

## Undetected Contaminants

The following contaminants were monitored for, but not detected, in your water.

| <u>Contaminants</u>                 | <u>MCLG or MRDLG</u> | <u>MCL or MRDL</u> | <u>Your Water</u> | <u>Violation</u> | <u>Typical Source</u>                     |
|-------------------------------------|----------------------|--------------------|-------------------|------------------|---|
| Haloacetic Acids (HAA5) (ppb)       | NA                   | 60                 | ND                | No               | By-product of drinking water chlorination |
| TTHMs [Total Trihalomethanes] (ppb) | NA                   | 80                 | ND                | No               | By-product of drinking water disinfection |

| Unit Descriptions |  |
|-------------------|--|
| Term              | Definition   |
| ug/L              | ug/L : Number of micrograms of substance in one liter of water |
| ppm               | ppm: parts per million, or milligrams per liter (mg/L)         |
| ppb               | ppb: parts per billion, or micrograms per liter (µg/L)         |
| pCi/L             | pCi/L: picocuries per liter (a measure of radioactivity)       |
| 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   |

**For more information please contact:**

Contact Name: Sammie Williams  
Address:  
MS  
Phone: 228.424.6389

# 2012 Drinking Water Quality Report

## Highway 49 Mobile Home Park

### PWS 0240239

2012 JUN -6 PM 12: 25

#### **Is my water safe?**

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What should I do?  
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|-----------------|------------------------------|---------------------------|---|
| BACTERIOLOGICAL | 4                            | 2                         | 04/17/12                                  |

What happened? What is being done to correct the violation?  
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# Water Quality Data Table

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| Contaminants  | MCLG<br>or<br>MRDLG | MCL,<br>TT, or<br>MRDL | Your<br>Water | Range    |          | Sample<br>Date | Violation | Typical Source  |
|---|---------------------|------------------------|---------------|----------|----------|----------------|-----------|---|
|   |                     |                        |               | Low      | High     |                |           |   |
| <b>Disinfectants &amp; Disinfectant By-Products</b>   |                     |                        |               |          |          |                |           |   |
| (There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants) |                     |                        |               |          |          |                |           |   |
| Chlorine (as Cl <sub>2</sub> ) (ppm)  | 4                   | 4                      | 1.5           | 1.4      | 1.6      | 2012           | No        | Water additive used to control microbes   |
| <b>Inorganic Contaminants</b>   |                     |                        |               |          |          |                |           |   |
| Nitrate [measured as Nitrogen] (ppm)  | 10                  | 10                     | 0.08          | NA       |          | 2012           | No        | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits   |
| Nitrite [measured as Nitrogen] (ppm)  | 1                   | 1                      | 0.02          | NA       |          | 2012           | No        | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits   |
| Cyanide [as Free Cn] (ppb)  | 200                 | 200                    | 15            | 15       | 15       | 2011           | No        | Discharge from plastic and fertilizer factories; Discharge from steel/metal factories   |
| Antimony (ppb)  | 6                   | 6                      | 0.5           | 0.5      | 0.5      | 2011           | No        | Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder; test addition.                                 |
| Arsenic (ppb)   | 0                   | 10                     | 0.5           | 0.5      | 0.5      | 2011           | No        | Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes                              |
| Barium (ppm)  | 2                   | 2                      | 0.02639       | 0.025798 | 0.026399 | 2011           | No        | Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits  |
| Beryllium (ppb)   | 4                   | 4                      | 0.5           | 0.5      | 0.5      | 2011           | No        | Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace, and defense industries            |
| Cadmium (ppb)   | 5                   | 5                      | 0.5           | 0.5      | 0.5      | 2011           | No        | Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries; runoff from waste batteries and paints |
| Chromium (ppb)  | 100                 | 100                    | 0.5           | 0.5      | 0.5      | 2011           | No        | Discharge from steel and pulp mills; Erosion of natural deposits  |

|                           |     |    |       |       |       |      |    |   |
|---------------------------|-----|----|-------|-------|-------|------|----|---|
| Fluoride (ppm)            | 4   | 4  | 0.411 | 0.409 | 0.411 | 2011 | No | Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories |
| Mercury [Inorganic] (ppb) | 2   | 2  | 0.5   | 0.5   | 0.5   | 2011 | No | Erosion of natural deposits; Discharge from refineries and factories; Runoff from landfills; Runoff from cropland         |
| Selenium (ppb)            | 50  | 50 | 2.5   | 2.5   | 2.5   | 2011 | No | Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines                          |
| Thallium (ppb)            | 0.5 | 2  | 0.5   | 0.5   | 0.5   | 2011 | No | Discharge from electronics, glass, and Leaching from ore-processing sites; drug factories                                 |

#### Radioactive Contaminants

|                                   |   |    |      |      |      |      |    |                             |
|-----------------------------------|---|----|------|------|------|------|----|-----------------------------|
| Uranium (ug/L)                    | 0 | 30 | 0.5  | 0.5  | 0.5  | 2012 | No | Erosion of natural deposits |
| Alpha emitters (pCi/L)            | 0 | 15 | 0.7  | 0.7  | 0.7  | 2012 | No | Erosion of natural deposits |
| Radium (combined 226/228) (pCi/L) | 0 | 5  | 0.54 | 0.54 | 0.54 | 2012 | No | Erosion of natural deposits |

| Contaminants | MCLG | AL | Your Water | Sample Date | # Samples Exceeding AL | Exceeds AL | Typical Source |
|--------------|------|----|------------|-------------|------------------------|------------|----------------|
|--------------|------|----|------------|-------------|------------------------|------------|----------------|

#### Inorganic Contaminants

|  |     |     |   |      |   |    |  |
|--|-----|-----|---|------|---|----|--|
| Lead - action level at consumer taps (ppb)   | 0   | 15  | 2 | 2007 | 0 | No | Corrosion of household plumbing systems; Erosion of natural deposits |
| Copper - action level at consumer taps (ppm) | 1.3 | 1.3 | 0 | 2007 | 0 | No | Corrosion of household plumbing systems; Erosion of natural deposits |

## Undetected Contaminants

The following contaminants were monitored for, but not detected, in your water.

| Contaminants                        | MCLG or MRDLG | MCL or MRDL | Your Water | Violation | Typical Source                            |
|-------------------------------------|---------------|-------------|------------|-----------|---|
| Haloacetic Acids (HAA5) (ppb)       | NA            | 60          | ND         | No        | By-product of drinking water chlorination |
| TTHMs [Total Trihalomethanes] (ppb) | NA            | 80          | ND         | No        | By-product of drinking water disinfection |

#### Unit Descriptions

| Term  | Definition   |
|-------|--|
| ug/L  | ug/L : Number of micrograms of substance in one liter of water |
| ppm   | ppm: parts per million, or milligrams per liter (mg/L)         |
| ppb   | ppb: parts per billion, or micrograms per liter (ug/L)         |
| pCi/L | pCi/L: picocuries per liter (a measure of radioactivity)       |
| NA    | NA: not applicable   |
| ND    | ND: Not detected   |
| NR    | NR: Monitoring not required, but recommended.                  |

| Important Drinking Water Definition: |   |
|--------------------------------------|---|
| 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   |

**For more information please contact:**

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