APPROVED

# BUREAU OF PUBLIC WATER SUPPLY

## CALENDAR YEAR 2008 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

Houcka-Houston Water Assn.
Public Water Supply Name

PWS # 0090004
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:___/___/___

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

Name of Newspaper: The Chickasaw Journal

Date Published: 6/17/09

☐ 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.

E. Glen Chisolm President
***Name/Title (President, Mayor, Owner, etc)***

6-20-09
***Date***

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

2008 Annual Drinking Water Quality Report
Houlka Houston Water Association
PWS#: 0090004
June 2009

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 Eutaw Formation Aquifer.

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 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 Houlka Houston Water Association have received lower susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Garry Turner at 662-568-7777. We want our valued customers to be informed about their water utility. If you want to learn more, please attend our regular scheduled meetings. They are held on the first Monday of each month at 6:30 PM at Moore's Restaurant, Houston, MS.

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 , 2008. In cases where monitoring wasn't required in 2008, 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.

*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 | MCLG | MCL | Likely Source of Contamination |
|---|---|---|---|---|---|---|---|---|
| **Inorganic Contaminants** | | | | | | | | |
| 10. Barium | N | 2008 | .034 | .028 - .034 | ppm | 2 | 2 | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits |
| 14. Copper | N | 2008 | .1 | 0 | ppm | 1.3 | AL=1.3 | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |
| 16. Fluoride** | N | 2008 | .304 | .256 - .304 | ppm | 4 | 4 | Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 17. Lead | N | 2008 | 3 | 0 | ppb | 0 | AL=15 | Corrosion of household plumbing systems, erosion of natural deposits |
| 21. Selenium | N | 2008 | 2.5 | 1.2 – 2.5 | ppb | 50 | 50 | Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines |

## Volatile Organic Contaminants

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 76. Xylenes | N | 2008 | .0006 | No Range | ppm | 10 | 10 | Discharge from petroleum factories; discharge from chemical factories |

## Disinfection By-Products

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Chlorine | N | 2008 | .71 | .3 - .71 | ppm | 0 | MDRL = 4 | Water additive used to control microbes |

** Most recent sample. No sample required for 2008.*
*** Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.7 - 1.3 mg/l.*

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. Beginning January 1, 2004, the Mississippi State Department of Health (MSDH) required public water systems that use chlorine as a primary disinfectant to monitor/test for chlorine residuals as required by the Stage 1 Disinfection By-Products Rule. 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.

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 for $10 per sample. 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.

*******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 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. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601.576.7518.

The Houlka Houston Water Association 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.

# PROOF OF PUBLICATION

THE STATE OF MISSISSIPPI
COUNTY CHICKASAW

Before the undersigned authority of said county and state, personally appeared before Lisa K. Vogler clerk of a public newspaper published in the City of Houston, County of Chickasaw, State of Mississippi, called the Chickasaw Journal & Times-Post, who, being duly sworn, doth depose and say that the publication of the notice hereto affixed has been made in said paper for 1 consecutive weeks, to-wit:

Vol. 103 No. 32, on the 17 day of June, 2009
Vol. ____ No. ___, on the ____ day of _____, 2009
Vol. ____ No. ___, on the ____ day of _____, 2009
Vol. ____ No. ___, on the ____ day of _____, 2009
Vol. ____ No. ___, on the ____ day of _____, 2009

Legal Ad Clerk

Sworn to and subscribed to this the 17 day of June, 2009 before me, the undersigned Notary Public of said County of Chickasaw.

By: _____
Notary Public

MY COMMISSION EXPIRES FEB 5, 2010
BONDED THRU STEGALL NOTARY SERVICE

Printer's Fee: 153.00

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| **Inorganic Contaminants** | | | | | | | | |
| 10. Barium | N | 2008 | .034 | .028 - .034 | ppm | 2 | 2 | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits |
| 14. Copper | N | 2008 | .1 | 0 | ppm | 1.3 | AL=1.3 | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |
| 16. Fluoride** | N | 2008 | .304 | .259 - .304 | ppm | 4 | 4 | Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories |
| 17. Lead | N | 2008 | 3 | 0 | ppb | 0 | AL=15 | Corrosion of household plumbing systems, erosion of natural deposits |
| 21. Selenium | N | 2008 | 2.6 | 1.2 - 2.5 | ppb | 50 | 50 | Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines |
| **Volatile Organic Contaminants** | | | | | | | | |
| 76. Xylenes | N | 2008 | .0008 | No Range | ppm | 10 | 10 | Discharge from petroleum factories; discharge from chemical factories |
| **Disinfection By-Products** | | | | | | | | |
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From. Houlka Houston Water ASSN

MS0090004

Atty Turner

662 568 7777

OR

662 456 6537

(4)

TO. Bureau of Public Water

Jackson MS.

Att: Jessie

# 2008 Annual Drinking Water Quality Report
## Houlka Houston Water Association
## PWS#: 0090004
## June 2009

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## TEST RESULTS

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|---|---|---|---|---|---|---|---|---|
| **Microbiological Contaminants** | | | | | | | | |
| 1. Total Coliform Bacteria | Y | November | Monitoring | | NA | 0 | presence of coliform bacteria in 5% of monthly samples | Naturally present in the environment |
| **Inorganic Contaminants** | | | | | | | | |
| 10. Barium | N | 2008 | .034 | .028 - .034 | ppm | 2 | 2 | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits |
| 14. Copper | N | 2008 | .1 | 0 | ppm | 1.3 | AL=1.3 | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 16. Fluoride** | N | 2008 | .304 | .258 - .304 | ppm | 4 | 4 | Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories |
| 17. Lead | N | 2008 | 3 | 0 | ppb | 0 | AL=15 | Corrosion of household plumbing systems, erosion of natural deposits |
| 21. Selenium | N | 2008 | 2.5 | 1.2 – 2.5 | ppb | 50 | 50 | Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines |
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| **Disinfection By-Products** | | | | | | | | |
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* *Most recent sample. No sample required for 2008.*

** *Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.7 - 1.3 mg/l.*

*Microbiological Contaminants:*

(1) Total Coliform. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.

Our system received a violation for failing to complete the monitoring requirements for Total Coliform in November of 2008.

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(662) 568-7777

| ACCOUNT NUMBER | SERVICE I.D. |
|---|---|
| 4800 | 291 CR 112 |

| PREV. READ DATE | CUR. READ DATE |
|---|---|
| 05/31/2009 | 06/24/2009 |

| SERVICE | PREVIOUS READING | CURRENT READING | CONSUMPTION | AMOUNT |
|---|---|---|---|---|
| WATER | 297 | 309 | 12000 | 53.00 |

| CHECK | PAYMENT | CURRENT CHARGES |
|---|---|---|
| 14.45 | 53.00 | 67.45 |

SERVICE ADDRESS
291 .CR 112

NET AMOUNT
74.20

COPY OF CORRECTED CCR REPORT CAN BE PICK UP AT 107 HWY 32W HOULKA MS
ANNAUL MEETING JULY 6, 7 P.M.
COURTHOUSE HOUSTON MS

HOULKA-HOUSTON WATER ASSOCIATION, INC.
107 HWY. 32 WEST
HOULKA, MS 38850

DUE DATE
07/15/2009

ACCOUNT NO. | SERVICE I.D.
4800 | 291 CR 112

BRENDA ABBOTT
291 CR 112
HOUSTON, MS 38851-

**HOULKA-HOUSTON WATER ASSOCIATION, INC.**
(662) 568-7777

| ACCOUNT NUMBER | SERVICE I.D. |
|---|---|
| 3540 | 384 CR 31 |

| PREV. READ DATE | CUR. READ DATE |
|---|---|
| 05/29/2009 | 06/24/2009 |

| SERVICE | PREVIOUS READING | CURRENT READING | CONSUMPTION | AMOUNT |
|---|---|---|---|---|
| WATER | 3058 | 3099 | 41000 | 165.50 |

| CHECK | PAYMENT | CURRENT CHARGES |
|---|---|---|
| 0.00 | 165.50 | 165.50 |

SERVICE ADDRESS
384 CR 31

NET AMOUNT
182.05

COPY OF CORRECTED CCR REPORT CAN BE PICK UP AT 107 HWY 32W HOULKA MS
ANNAUL MEETING JULY 6, 7 P.M.
COURTHOUSE HOUSTON MS

**RETURN STUB WITH PAYMENT TO:**
HOULKA-HOUSTON WATER ASSOCIATION, INC.
107 HWY. 32 WEST
HOULKA, MS 38850

DUE DATE
07/15/2009

ACCOUNT NO. | SERVICE I.D.
3540 | 384 CR 31

JAMIE ADAMS
P.O. BOX 522
HOUSTON, MS 38851-

**HOULKA-HOUSTON WATER ASSOCIATION, INC.**
(662) 568-7777

| ACCOUNT NUMBER | SERVICE I.D. |
|---|---|
| 2220 | 499 CR 413 |

| PREV. READ DATE | CUR. READ DATE |
|---|---|
| 05/28/2009 | 06/24/2009 |

| SERVICE | PREVIOUS READING | CURRENT READING | CONSUMPTION | AMOUNT |
|---|---|---|---|---|
| WATER | 170 | 179 | 9000 | 42.50 |

| CHECK | PAYMENT | CURRENT CHARGES |
|---|---|---|
| 0.00 | 42.50 | 42.50 |

SERVICE ADDRESS
449 CR 413

NET AMOUNT
46.75

COPY OF CORRECTED CCR REPORT CAN BE PICK UP AT 107 HWY 32W HOULKA MS
ANNAUL MEETING JULY 6, 7 P.M.
COURTHOUSE HOUSTON MS

**RETURN STUB WITH PAYMENT TO:**
HOULKA-HOUSTON WATER ASSOCIATION, INC.
107 HWY. 32 WEST
HOULKA, MS 38850

DUE DATE
07/15/2009

ACCOUNT NO. | SERVICE I.D.
2220 | 499 CR 413

JIMMIE ADAMS
449 CR 413
HOULKA, MS 38850-

# 2008 CCR Contact Information

Date: 6/24/09 Time: 5:07

PWSID: 0090004

System Name: Houlka. Houston

Lead/Copper Language MSDH Message re: Radiological Lab

MRDL Violation Chlorine Residual (MRDL) RAA

Other Violation(s) Total Coliform Rule MCL Not Listed for 11/08 Need Health effects language under Data table

Will correct report & mail copy marked "**corrected copy**" to MSDH.

Will notify customers of availability of corrected report on next monthly bill.

Mr. Turner will do Corrected Copy and Fax to us and Notify Customers of available Corrected Report by July 1, 2009.

Spoke with Gary Turner 662 568-7144
(Operator, Owner, Secretary) 662 456-6537 Cell #

# 2008 CCR Contact Information

Date: 6/24/09 Time: 5:07

PWSID: 0090004

System Name: Houlka Houston

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(Operator, Owner, Secretary) 662 456-6537 Cell #

6/25/09

Mr. Turner Stated He spoke with Rural Water and the Correction is being made and he will Fax me a Copy of Corrected CCR alone with a Water Bill