

2012 JUN 19 AM 10:30

## BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT  
CERTIFICATION FORMCity of Madison  
Public Water Supply Name450010

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: 6/11/12

- 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: 6/12/12

*Madison Public Service Complex  
 Madison City Hall  
 Madison Library*

- CCR was posted on a publicly accessible internet site at the address: www. madisonthecity.com

Public Works page**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.

Mary Hannah Barber  
 Name/Title (President, Mayor, Owner, etc.)

6-13-12  
 Date

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

# **City of Madison Water Quality Report 2011**

## **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?**

We have four deep ground water wells. Two are in the Cockfield Aquifer and two are in the Sparta Aquifer.

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

The Mississippi Source Water Assessment Program is a result of the Federal Safe Drinking Water Act 1996 which mandated all states to identify public water systems that may be susceptible to contamination and adopt appropriate management measures that will enhance their protection. More information is available at [www.deq.state.ms.us](http://www.deq.state.ms.us)

## **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).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting 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 stormwater 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 stormwater 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, urban stormwater runoff, and septic systems; and 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. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

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

Attend any regularly scheduled meeting of the Mayor and Board of Aldermen held at the Madison Justice Complex on Crawford Street at 6 p.m. on the first and third Tuesday of each month.

# 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.

<u>Contaminants</u>	<u>MCLG</u>	<u>MCL, TT, or</u>	<u>Your Water</u>	<u>Range</u>		<u>Sample Date</u>	<u>Violation</u>	<u>Typical Source</u>
	<u>or MRDLG</u>	<u>MRDL</u>		<u>Low</u>	<u>High</u>			
<b>Disinfectants &amp; Disinfectant By-Products</b>								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)								
Haloacetic Acids (HAA5) (ppb)	NA	60	41	NA		2011	No	By-product of drinking water chlorination
Chlorine (as Cl <sub>2</sub> ) mg/L	4	4.0	0.20	0.20	.40	2011	No	Water additive used to control microbes
TTHMs [Total Trihalomethanes] (ppb)	NA	80	49	NA		2011	No	By-product of drinking water disinfection
<b>Volatile Contaminants</b>								
Xylenes (ppb)	10	10	2.24	NA	NA	2009	No	Discharge from petroleum factories; Discharge from chemical factories
<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>	
<b>Inorganic Contaminants</b>								
Copper - action level at consumer taps (ppm)	1.3	1.3	0.2	2010	1	No	Corrosion of household plumbing systems; Erosion of natural deposits	
Lead - action level at consumer taps (ppb)	0	15	3	2010	1	No	Corrosion of household plumbing systems; Erosion of natural deposits	

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the CITY OF MADISON is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year that average fluoride sample results were within the optimal range of 0.7-1.3 ppm was 10. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of .07-1.3 ppm was 64%.

<b>Unit Descriptions</b>	
<b>Term</b>	<b>Definition</b>
ppm/mg/L	ppm: parts per million, or milligrams per liter (mg/L)
ppb	ppb: parts per billion, or micrograms per liter (µg/L)
NA	NA: Not Applicable
ND	ND: Not Detected
NR	NR: Monitoring Not Required, but recommended.

## Water Conservation Tips

Did you know that the average U.S. household uses approximately 400 gallons of water per day or 100 gallons per person per day? Luckily, there are many low-cost and no-cost ways to conserve water. Small changes can make a big difference – try one today and soon it will become second nature.

- Take short showers - a 5 minute shower uses 4 to 5 gallons of water compared to up to 50 gallons for a bath.
- Shut off water while brushing your teeth, washing your hair and shaving and save up to 500 gallons a month.
- Use a water-efficient showerhead. They're inexpensive, easy to install, and can save you up to 750 gallons a month.
- Run your clothes washer and dishwasher only when they are full. You can save up to 1,000 gallons a month.
- Water plants only when necessary.
- Fix leaky toilets and faucets. Faucet washers are inexpensive and take only a few minutes to replace. To check your toilet for a leak, place a few drops of food coloring in the tank and wait. If it seeps into the toilet bowl without flushing, you have a leak. Fixing it or replacing it with a new, more efficient model can save up to 1,000 gallons a month.
- Adjust sprinklers so only your lawn is watered. Apply water only as fast as the soil can absorb it and during the cooler parts of the day to reduce evaporation.
- Teach your kids about water conservation to ensure a future generation that uses water wisely. Make it a family effort to reduce next month's water bill!
- Visit [www.epa.gov/watersense](http://www.epa.gov/watersense) for more information.

## Source Water Protection Tips

Protection of drinking water is everyone's responsibility. You can help protect your community's drinking water source in several ways:

- Eliminate excess use of lawn and garden fertilizers and pesticides – they contain hazardous chemicals that can reach your drinking water source.
- Pick up after your pets.
- If you have your own septic system, properly maintain your system to reduce leaching to water sources or consider connecting to a public water system.
- Dispose of chemicals properly; take used motor oil to a recycling center.
- Volunteer in your community. Find a watershed or wellhead protection organization in your community and volunteer to help. If there are no active groups, consider starting one. Use EPA's Adopt Your Watershed to locate groups in your community, or visit the Watershed Information Network's How to Start a Watershed Team.
- Organize a storm drain stenciling project with your local government or water supplier. Stencil a message next to the street drain reminding people "Dump No Waste - Drains to River" or "Protect Your Water." Produce and distribute a flyer for households to remind residents that storm drains dump directly into your local water body.

## 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. Madison the City 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>.



Pre-sort: ALL

Perm. Hold. Name and / Address and Em. Address, If Any CITY OF MADISON P.O. BOX 40 MADISON, MS 391300040 CAPS Cust Ref No	Telephone 601-898-8700	Name and Address of Mailing Agent (if other than permit holder) SOURCELINK MADISON LLC 5 OLYMPIC WAY MADISON MS 39110	Telephone 601-898-8700	Name and Address of Individual or Organization for Which Mailing is Prepared (if other than permit holder) CITY OF MADISON P.O. BOX 40 MADISON, MS 39130
CRID		CRID 4926663		CRID

RECEIVED-WATER SUPPLY  
2012 JUN 19 AM 10:30

Mailing

Post Office of Mailing Jackson MS 39205	Fed Agency Cost Code	Statement Sequence No. 0001 to 0002	No. and Type of Containers
Type of Postage <input checked="" type="checkbox"/> Permit Imprint <input type="checkbox"/> Precanceled Stamps <input type="checkbox"/> Metered	Processing Category <input type="checkbox"/> Letters <input type="checkbox"/> Catalogs <input type="checkbox"/> Parcels - Machinable <input type="checkbox"/> Parcels - Irregular	Total no. of Pieces in Mailing 4887 Of Total Pieces, no. with Simplified Addresses 0	0 - Sacks 0 - 1' Ltr Trays 8 - 2' Ltr Trays 0 - EMM Ltr Trays 8 - TTL Ltr Trays 0 - Flat Trays 0 - Pallets 0 - Other

Mailer's Mailing Date 6-11-12 Combined Mailing  Mixed Class  Single Class

Permit No. 23 Weight of a Single Piece 0.0280 pounds Total Weight 136.8360

For Mail Enclosed within Another Class  Periodicals  Bound Printed Matter  Library Mail  Media Mail  Parcel Post

For Automation Pieces, Enter Date of Address Matching and Coding 05/12 For Carrier Route Pieces, Enter Date of Address Matching and Coding 05/12 For Carrier Route Pieces, Enter Date of Carrier Route Sequencing 05/12

For pieces bearing a simplified address enter date of delivery statistics file or alternative method / /

Move Update method:  Ancillary Service Endorsement  FASTforward  NCOA Link  ACS  Alternative Method  Multiple In/a Alternative Address Format  OneCode ACS

Postage

Parts Completed (Select all that apply)  A  B  C  D  E  F  G  H  L  M  S  NSA

Mailpiece is a product sample. 1 Subtotal Postage (Add parts totals) \$ 980.29

Letter-size or flat mailpiece contains DVD/CD or other disk.

2 Price at Which Postage Affixed (Check one) pcs. x \$ = Postage Affixed \$  
 Correct  Lowest  Neither  
 Complete if the mailing includes pieces bearing metered or precanceled stamps.

3 Incentive/Discount Flat Dollar Amount \$

4 Fee Flat Dollar Amount \$

5 Permit No. Net Postage Due (Line 1 +/- Lines 2,3,4) \$

USPS Use Only

Additional Postage Payment (State reason)

For postage affixed add additional payment to net postage due; for permit imprint add additional payment to total postage. Total Adjusted Postage Affixed \$

Postmaster: Report Total Postage in AIC 130 (Permit Imprint only) Total Adjusted Postage Permit Imprint \$

Certification

Incentive/Discount Claimed \_\_\_\_\_ Type of Fee \_\_\_\_\_

The mailer's signature certifies acceptance of liability for and agreement to pay any revenue deficiencies assessed on this mailing, subject to appeal. If an agent signs this form, the agent certifies that he or she is authorized to sign on behalf of the mailer and that the mailer is bound by the certification and agrees to pay any deficiencies. In addition, agents may be liable for any deficiencies resulting from matters within their responsibility, knowledge, or control. The mailer hereby certifies that all information furnished on this form is accurate, truthful, and complete; that the mail and the supporting documentation comply with all postal standards and the mailing qualifies for the prices and fees claimed; and that the mailing does not contain any matter prohibited by law or postal regulation. I understand that anyone who furnishes false or misleading information on this form or who omits information requested on this form may be subject to criminal and/or civil penalties, including fines and imprisonment. Privacy Notice: For information regarding our Privacy Policy visit [www.usps.com](http://www.usps.com)

Signature of Mailer or Agent [Signature] Printed Name of Mailer or Agent Signing Form D. Hollida Telephone \_\_\_\_\_

USPS Use Only - To be completed in non-PostalOne! sites

Weight of a Single Piece 0.0281 pound Are postage figures at left adjusted from mailer's entries? if yes, reason:  Yes  No

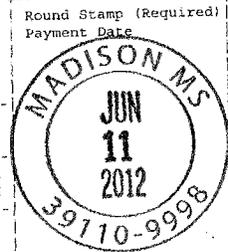
Total Pieces 4,892 Total Weight 137.4652  
 Total Postage 980.29

Presort Verification Performed? (if required)  Yes  No

I CERTIFY that this mailing has been inspected for each item below if required:  
 (1) eligibility for postage prices claimed;  
 (2) proper preparation (and presort where req.);  
 (3) proper completion of postage statement;  
 (4) payment of annual fee; and  
 (5) sufficient funds on deposit (if req.).

Date Mailer Notified \_\_\_\_\_ Contact \_\_\_\_\_  
 By (Initials) \_\_\_\_\_ Time \_\_\_\_\_ AM \_\_\_\_\_ PM \_\_\_\_\_

USPS Employee's Signature [Signature] Print USPS Employee's Name Marshall L. Hinton



<b>Company Detail</b>	
Company Name	CITY OF MADISON
Address	1239 HIGHWAY 51 MADISON, MS 39110-9092
Contact Name	BETSY
Phone Number	(601)853-9109
Profit Indicator	P
<b>PS Form 3607R - Mailing Transaction Receipt</b>	
Account Holder Account Number	1727204
Account Holder Permit Number	23
Account Holder Permit Type	PI
Account Holder CRID	4213186
Post Office of Permit	Post Office Madison, MS 39110-9998
Post Office of Mailing	Post Office Madison, MS 39110-9998
Post Office of Permit Cost Center	274810-1110
Post Office of Mailing Cost Center	274810-1110
Mailing Agent Name	
Mailing Agent CRID	
Mail Owner Name	
Mail Owner CRID	
JOB ID	MANUAL
Customer Reference ID	
CAPS Transaction Number	N/A
Class of Mail	Standard Mail
Processing Category	Letters
Postage Statement ID	138427848
Mailing Group ID	108709045
Mailer's Mailing Date	06/24/2012
Total Pieces	4,887 pcs.
Weight of a single-piece	0.0281 lbs.
Total Weight	136.8360 lbs.
Total Number of Containers	8
Total Adjusted Postage	\$ 980.29
Payment Date and Time	06/11/2012 17:15
Payment Transaction Number	201216317153751M1
Mailer Figures Adjusted?	No
Person authorizing adjustment	
Name	
Phone Number	
Acceptance Site Mailer ID	
Clerk Initials	MSL
Mail Arrival Date and Time	06/24/2012 17:05