

RESTRICTED - WATER SUPPLY
2010 SEP -2 AM 9:03



MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

**CALENDAR YEAR 2009 CONSUMER CONFIDENCE REPORT
CERTIFICATION FORM**

CASON WARE District
Public Water Supply Name

0480019
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: 6/30/10

- 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 Monroe County Shopper

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 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.

Donald Young president
Name/Title (President, Mayor, Owner, etc.)

8-30-10
Date

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

2009 ANNUAL DRINKING WATER QUALITY REPORT

CASON WATER DISTRICT

Is my water safe?
 Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and state drinking water health standards. Local Water vigilantly safeguards its water supplies and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard.

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 source is from wells drawing from the McShan Formation and Cordo Formation Aquifers.

Source water assessment and its availability
 A detailed report is available for viewing upon request.

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?
 Please join us for our monthly meetings on the first Tuesday of each month at our office. Meetings begin at 5:00 P.M.

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. Cason Water 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/safewater/lead>.

Water Quality Data Table

Contaminant	MCLG or MRDLG	MCL, TT, or MRDL	Your Water	Range Low	High	Sample Date	Violation	Typical Source
Disinfectants & Disinfection By-Products (There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)								
Chlorine (as Cl ₂) (ppm)	4	4	0.19	0.07	0.19	2009	No	Water additive used to control microbes
Inorganic Contaminants								
Nitrate (measured as Nitrogen) (ppm)	10	10	0.25	0.05	0.25	2009	No	Runoff from fertilization use; Leaching from septic tanks, sewage; Erosion of natural deposits
Inorganic Contaminants								
1,2,4-Trichlorobenzene (ppb)	70	70	0.5	0.5	0.5	2009	No	Discharges from textile finishing facilities
cis-1,2-Dichloroethylene (ppb)	70	70	0.5	0.5	0.5	2009	No	Discharge from industrial chemical factories
Xylenes (ppm)	10	10	0.5	0.5	0.5	2009	No	Discharge from petroleum factories; Discharge from chemical factories
Dichloromethane (ppb)	0	5	0.5	0.5	0.5	2009	No	Discharge from pharmaceutical and chemical factories
o-Dichlorobenzene (ppb)	600	600	0.5	0.5	0.5	2009	No	Discharge from industrial chemical factories
p-Dichlorobenzene (ppb)	75	75	0.5	0.5	0.5	2009	No	Discharge from industrial chemical factories
Vinyl Chloride (ppb)	0	2	0.5	0.5	0.5	2009	No	Leaching from PVC piping; Discharge from plastics factories
1,1-Dichloroethylene (ppb)	7	7	0.5	0.5	0.5	2009	No	Discharge from industrial chemical factories
trans-1,2-Dichloroethylene (ppb)	100	100	0.5	0.5	0.5	2009	No	Discharge from industrial chemical factories
1,1,1-Trichloroethane (ppb)	200	200	0.5	0.5	0.5	2009	No	Discharge from metal degreasing sites and other factories
Carbon Tetrachloride (ppb)	0	5	0.5	0.5	0.5	2009	No	Discharge from chemical plants and other industrial activities
1,2-Dichloropropane (ppb)	0	5	0.5	0.5	0.5	2009	No	Discharge from industrial chemical factories
Trichloroethylene (ppb)	0	5	0.5	0.5	0.5	2009	No	Discharge from metal degreasing sites and other factories
1,1,2-Trichloroethylene (ppb)	3	5	0.5	0.5	0.5	2009	No	Discharge from industrial chemical factories
Tetrachloroethylene	0	5	0.5	0.5	0.5	2009	No	Discharge from factories and dry cleaners
Benzene (ppb)	0	5	0.5	0.5	0.5	2009	No	Discharge from factories; Leaching from gas storage tanks and landfills
Toluene (ppm)	1	1	0.5	0.5	0.5	2009	No	Discharge from petroleum factories
Dibromobenzene (ppb)	200	200	0.5	0.5	0.5	2009	No	Discharge from petroleum factories
Styrene (ppb)	100	100	0.5	0.5	0.5	2009	No	Discharge from rubber and plastic factories; Leaching from landfills

This table 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.

Unit Descriptions
 ppm: parts per million, or milligrams per liter (mg/L)
 ppb: parts per billion, or micrograms per liter (µg/L)
 NA: not applicable
 ND: not detected
 NR: monitoring not required, but recommended.

Important Drinking Water Definitions
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: 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: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
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: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
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: 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: Monitor Not Regulated
MPL: State Assigned Maximum Permissible Level

For more information please contact:
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 662-256-2442 or 662-256-2406

PROOF OF PUBLICATION

2010 SEP -2 AM 9:03

STATE OF MISSISSIPPI
COUNTY OF MONROE

Before the undersigned, a Notary Public in

And for said state and county, Jeff Boozer, editor, publisher and manager of
The Monroe County Shopper, an advertising medium in Amory, in said County and state
makes oath that the
Cason Water Department

Of which the article hereunto attached is a true copy, was published in said advertising medium
as follows:

Edition # 1522 Dated 30-Jun 2010

And I hereby certify that the issue above mentioned has been examined by me, and I find the publication
therof to have been duly made, and that The Monroe County Shopper has been established, published
and had a bonafide circulation in said town, county and state for more than one year next preceding the
first insertion of the article described herein.

Jeff Boozer
Editor, publisher and manager

Sworn to and subscribed before me this 30th day of
June, 20 10.

Lisa K. Cummins
Notary Public

(Seal)



My commission expires _____.

Cost of Publication

\$250.00