

2012 JUN 27 AM 8:41

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT
CERTIFICATION FORMTown of Mt. Olive
Public Water Supply NameMS0160003
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: 5/31/12

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 News-Commercial

Date Published: 6/6/12

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

Date Posted: 6/4/12

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.

Robert McQuinn
Name/Title (President, Mayor, Owner, etc.)

6-22-12
Date

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

8m

TOWN OF MOUNT OLIVE

2011 ANNUAL DRINKING WATER REPORT

FOR CITIZEN REVIEW

ALSO AVAILABLE IN THE 6/6/2012 EDITION OF
THE NEWS-COMMERCIAL

COPIES ARE ALSO AVAILABLE AT CITY HALL

2011 ANNUAL DRINKING WATER REPORT TOWN OF MOUNT OLIVE

MS0160003

Is my drinking 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 contamination level or any other quality standard.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised 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 provider. EPA/Center 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 Drinking Water Hotline (800-426-4791).

Where does my water come from?

The Town of Mt. Olive provide water from two deep wells. Water has been provided from well # 3 exclusively since 2000. Well # 2 was tested and readied for standby service during 2008. By July 2012, well # 2 will be operated at intervals along with well # 3. Both of these are rated as "moderate" for likely contamination from surface water sources. Both wells pump water from the Catahoula Formation Aquifer. The system is presently serving 39.4% of design capacity.

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 these 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 (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 and 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 storm water runoff, industrial, or domestic wastewater discharge, 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 inorganic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems; and radioactive contaminants, which are naturally occurring or may 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?

Each citizen of Mt Olive has a personal stake in the safety and efficiency of the water system, therefore all citizens are encouraged to be vigilant in observing and reporting anything that compromises the public water supply. You may choose to attend monthly town meetings to ask questions and express concerns.

Monitoring and reporting of compliance data violations

Failure to complete monitoring samples for radionuclides since January 2007. See MSDH message contained herein.

Record keeping violation: None since 2007.

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. The Town of Mt. Olive 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>.

Additional information for Fluoride

To comply with the 'Regulation Governing Fluoridation of Community Water Supplies, the TOWN OF MOUNT OLIVE is required to report certain results pertaining to fluoridation of our water system. Since fluoridation was suspended after February 2010 due to not being able to safely attain the optimal range with the existing equipment and the lack of budget allocation to replace this equipment, there are no results to report.

*****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 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 an 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 not completed the monitoring requirements. The Bureau of Public Water Supply has taken action to ensure that your water system be returned to compliance by March 31, 2013. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601-576-7518.

Water Quality Data Table

The table below lists all of the drinking water contaminants 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 and State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

In this table you will find many terms and abbreviations you might not recognize. Use the following glossary for clarity;
Action Level (AL) - The concentration of a contaminant, which if exceeded, triggers implementation of treatment and other requirements that the water system must follow.

TEST RESULTS								
Contaminant	Violation Y/N	Date	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurements	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
10. Barium	N	2011	0.0318	No Range	ppm	2	2	Discharge of drilling waste; Discharge from metal refineries; Erosion of natural deposits
16. Fluoride	N	2011	0.1	No Range	ppm	4	4	Erosion of natural deposits; Water additives which promotes strong teeth; Discharge from fertilizer and aluminum factories
15. Cyanide	N	2011	0.015	No Range	ppm	0.2	0.2	Discharge from metal, plastic and fertilizer factories
Lead - AL at consumer taps	N	2011		0.0005 - 0.0024	ppm	0	0.015	Corrosion of household plumbing systems; Erosion of natural deposits
Copper - AL at consumer taps	N	2011		0.002 - 0.0592	ppm	1.3	1.3	Corrosion of household plumbing Erosion of natural deposits
Disinfectant & Disinfection By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)								
Chlorine (as CL ₂)	N	2011	1.2	0.92-1.20	ppm	0	4	Water additive to control microbes
81. HAA5	N	2011	6	No Range	ppb	0	60	Disinfection by-product
82. TTHM	N	2011	4	No Range	ppb	0	80	Disinfection by-product

Maximum Contaminant Level (MCL) - The highest concentration of a contaminant allowed in drinking water.

Maximum Contaminant Level Goal (MCLG) - The concentration of a contaminant in drinking water below which there is no known or expected risk to health. MCLG's allow for a margin of safety. MCL's are set as close to MCLG's as is technically feasible.

Parts per million (ppm) - One part per million corresponds to one minute in 2 years or a single penny in \$10,000.

Parts per Billion (ppb) - One part per billion corresponds to one minute in 2,000 years or a single penny in \$10,000,000.

For more information please contact:

Robert E. McNair, Mayor

Phone - 601-797-3496

P.O. Box 510

Fax - 601-797-3035

Mt. Olive, MS 39119-0510

E-mail - mtolivecityhall@bellsouth.net

2012 JUN 27 AM 8:41

Proof of Publication

STATE OF MISSISSIPPI
COVINGTON COUNTY

PERSONALLY APPEARED before me, the undersigned authority, in and for said County and State, **Analyn Arrington Goff**, Publisher of **THE NEWS-COMMERCIAL**, a newspaper published in Collins, said County, who being duly sworn, says the publication of a certain notice, a true copy of which is hereto attached, was made in said paper on the hereinafter dates, as follows, to-wit:

Vol. 110 No. 47 Dated June 6, 2012

Vol. _____ No. _____ Dated _____

Vol. _____ No. _____ Dated _____

Vol. _____ No. _____ Dated _____

Analyn A. Goff Publisher

Sworn to and subscribed before me, this the 6 day of

June, 2012.

James Arrington Goff Notary Public

Printer's Fee \$ 180.00

Proof of Publication \$ 3.00

TOTAL \$ 183.00



**2011 ANNUAL DRINKING WATER REPORT
TOWN OF MOUNT OLIVE**

MS0160001; CEIVED - WATER SUPPLY

Is my drinking 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 vigorously safeguards its water supplies and you can be confident that your water system has not violated a maximum contamination level or any other quality standard.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised 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 provider. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Where does my water come from?

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Why are there contaminants in my drinking water?

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How can I get involved?

Each citizen of Mt. Olive has a personal stake in the safety and efficiency of the water system, therefore all citizens are encouraged to be vigilant in observing and reporting anything that compromises the public water supply. You may choose to attend monthly town meetings to ask questions and express concerns.

Monitoring and reporting of compliance data violations

Failure to complete monitoring samples for nonhazardous since January 2007. See MS04 messages contained herein.

Recent sampling violation. More since 2007.

Additional information for lead

Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The Town of Mt. Olive 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/lead>.

Additional Information for Fluoride

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-----A MESSAGE FROM MISSON CONCERNING RADIOLOGICAL SAMPLING-----

In accordance with the Radonwater 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, Laboratory, The Environmental Protection Agency (EPA) suspended radon testing by the public water supply, MISSOH was required to issue a violation. Although this was not the result of an action by the public water supply, MISSOH was required to issue a violation. This is to notify you that as of this date, your water system has not completed the monitoring requirements. The Bureau of Public Water Supply has taken action to ensure that your water system be returned to compliance by March 31, 2013. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601-576-7510.

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In this table you will find many terms and abbreviations you might not recognize. Use the following glossary for clarity. Action Level (AL) - The concentration of a contaminant, which if exceeded, triggers implementation of treatment and other requirements that the water system must follow.

Contaminant	Violation Y/N	Date	Level Detected	TEST RESULTS			MCL	MCLG	MCL	Likely Source of Contamination
				Range of Detects or # of Samples	Exceeding MCL/MCLG	Measurements				
Inorganic Contaminants										
10. Boron	N	2011	0.0318	No Range		ppm	2	2	2	Discharge of drilling water; Discharge from metal refineries; Erosion of natural deposits
16. Fluoride	N	2011	0.1	No Range		ppm	4	4	4	Erosion of natural deposits; Water additives which promote fluoride and fluorine from fertilizer and animal byproducts; Discharge from metal, plastic and fertilizer factories
15. Cyanide	N	2011	0.015	No Range		ppm	0.2	0.2	0.2	Discharge from metal, plastic and fertilizer factories
Lead - AL at consumer taps	N	2011	0.0005 - 0.0024			ppm	0	0.015	0.015	Corrosion of household plumbing systems; Erosion of natural deposits
Copper - AL at consumer taps	N	2011	0.002 - 0.0252			ppm	1.3	1.3	1.3	Corrosion of household plumbing systems; Erosion of natural deposits
Disinfection By-Products (DBPs) (When a corrective action is necessary for control of microbial contaminants)										
Chlorine (as Cl ₂)	N	2011	1.2	0.02-1.20		ppm	0	4	4	Water additive to control microbes
81. HAA5	N	2011	6	No Range		ppb	0	80	80	Disinfection by-product
82. THM4	N	2011	4	No Range		ppb	0	80	80	Disinfection by-product

Maximum Contaminant Level (MCL) - The highest concentration of a contaminant allowed in drinking water.
Maximum Contaminant Level Goal (MCLG) - The concentration of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. MCLGs are set as close to MCLGs as is technically feasible.
Parts per million (ppm) - One part per million corresponds to one minute in 2 years or a single penny in \$10,000.
Parts per billion (ppb) - One part per billion corresponds to one minute in 2,000 years or a single penny in \$10,000,000.

For more information please contact:
 Robert E. McChesney, Mayor
 P.O. Box 510
 Mt. Olive, MS 39119-0510
 Phone - 601-797-3495
 Fax - 601-797-3035
 E-mail - mchecr@mail@goescouth.net

One time: June 6, 2012

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TOWN OF MT. OIVE
PSW ID# MS0160003

The CCR was posted at the following locations on 6/4/2012:

Mt. Olive City Hall	501 Main Street
U.S. Post Office	Main Street
Greers/Food Lion Grocery	Main Street
Texaco Wards	US 49 4 Rock Hill Road

2012 JUN 27 AM 8:41

TOWN OF MOUNT OLIVE
 P.O. BOX 510
 MOUNT OLIVE, MS 39119
 PHONE (601) 797-3496

READ DATE	CODE
05/31/12	2

FIRST CLASS MAIL
 U.S. POSTAGE
 PAID 1 OZ
 Permit NO. 12

SRVC	NEW RDG	LAST RDG	USED	CHARGES
Wat	149300	149300	0	16.00
Sewer				8.00
Surcharge				3.50
Garbage				7.50
TAX				1.12

PLEASE BRING THIS ENTIRE BILL TO OFFICE
 OR MAIL THIS STUB WITH YOUR PAYMENT

SRVC ADDR		
ACCOUNT #		ROUTE 1
NOW DUE	DATE DUE	REMIT AFTER DUE DATE
36.12	06/20/12	39.12

Drinking Water Report / News Comm 6-6-2012

ROUTE	METER #	NOW DUE	PAY EARLY SAVE THIS	REMIT AFTER DUE DATE
1		36.12	3.00	39.12
ACCT	144			

HATTIESBURG MS 39401