

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

2013 JUN 21 AM 9:07

Town of Weir
 Public Water Supply Name

100009
 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 _____

Date(s) customers were informed: 01/01, 01/15/2013

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

Date Mailed/Distributed: ___ / ___ / ___

- 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: Choctaw Plaindealer

Date Published: 06/05/2013

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.

Jeff James
 Name/Title (President, Mayor, Owner, etc.)

6-8-13
 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

2013 JUL 11 AM 8:16

**Annual Drinking Water Quality Report
Town of Weir
PWS ID # 0100009
June 30, 2013**

We're pleased to present to you this year's Annual Water Quality 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 groundwater, and our two wells draw from the Meridian Upper Wilcox and the Lower Wilcox Aquifer.

If you have any questions about this report or concerning your water utility, please contact Ricky Vowell at (662)285-7243. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the 1st Tuesday after the 1st Monday of each month at 5:30P.M. in the Town Hall.

The Town of Weir routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2012. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. 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 pose a health risk.

Our source water assessment has been completed. Our wells were ranked **Moderate** in terms of susceptibility to contamination. For a copy of the report, please contact our office at 662.547.6123.

To help you better understand these terms we've provided the following definitions. In this table you will find many terms and abbreviations you might not be familiar with.

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.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level - 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 - 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.

TEST RESULTS

Contaminant	Violation Y/N	Date Collect ed	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure ment	MCLG	MCL	Likely Source of Contamination
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Inorganic Contaminants

Cadmium	N	2011	.0005	0	ppm	5	5	Corrosion of galvanized pipe ; Discharge from refineries ; from waste batteries & paint from waste batteries & paint
Arsenic	N	2011	0.0005	0	Ppb	n/a	50	Erosion of natural deposits Runoff from orchards & glass and electronics production waste
Selenium	N	2011	.0025	0	ppb	50	50	Discharge from petroleum and erosion of natural deposits
Barium	N	2011	.044266	No Range	ppm	2	2	Discharge from drilling waste; Erosion of natural deposits
Nitrate (as Nitrogen)	N	2012	0.49	No Range	ppm	10	10	Runoff from fertilizer use; leaching from Erosion of natural deposits
Chromium	N	2011	.0005	No Range	Ppb	100	100	Discharge from steel and pulp; Erosion of natural deposits
Copper	N	2011	0.3	0	ppm	1.3	AL= 1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservative
Cyanide	N	2011	.015	No Range	ppb	.2	.2	Discharge from steel/ metal factories; Discharge from plastic and fertilizer factories
Fluoride	N	2011	.1	No Range	ppm	4	4	Erosion of natural deposits; additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Lead	N	2011	0.005	0	ppb	0	AL= .015	Corrosion of household plumbing systems, erosion of natural deposits
Beryllium	N	2011	.0005	No Range	Ppm	6	6	Discharge from metal refineries ; coal burning factories; Discharge from electrical aerospace
Antimony	N	2011	.0005	No Range	ppb	6	4	Discharge from petroleum ; fire retardants; solder ceramics; electronics ; test addition
Mercury (inorganic)	N	2008*	.0005	No Range	ppb	2	2	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills; runoff from cropland
Thallium	N	2011	.0005	No Range	Ppm	6	6	Erosion of natural deposits ;

Disinfectants & Disinfection By Products

HAAS Total	N	2011	6	No Range	ppb	0	100	By- product of drinking water chlorination
Chlorine [asCl2]	N	2012	0.5	0.30-0.70	ppm	0.2	4.0	water additive used to control microbes
TTHMs Total	N	2011	3.61	No Range	ppb	0	80	By- product of drinking water chlorination

Volatile Organic Contaminants

Toluene	N	2012	0.5	No Range	ppb	1000	1000	Discharge from petroleum factories
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Radioactive Contaminants

Uranium	N	2012	0.5	No Range	ppb	30	30	Discharge from petroleum factories
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* Most recent sample None required in 2012

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. 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. 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

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. ABC 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

****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. 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.

Please call our office if you have questions. 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. **This CCR report will not be mailed. A copy of this report is available at our office upon request.**

Drinking Water Quality Report
Town of Weir
PWS ID # 0100009
June 30, 2013

present to you this year's Annual Water Quality Report. This report is designed to provide you with information on the quality of the 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 water treatment process and protect our water resources. We want you to understand the quality of your water. Our water source is groundwater, and our two water sources are the Meridian Upper Wilcox and the Lower Wilcox Aquifer.

If you have any questions about this report or concerning your water utility, please contact Ricky Williams at 662.547.6123. We want our valued customers to be informed about their water utility. If you would like to please attend any of our regularly scheduled meetings. They are held on the 1st of each month at 5:30P.M. in the Town Hall.

Weir routinely monitors for constituents in your drinking water according to the National Sanitation Foundation Water Quality Institute (NSF) standards. This table shows the results of our monitoring for the period of January 1st to December 31st. As water travels over the land or underground, it can pick up substances or materials such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking bottled drinking water, may be reasonably expected to contain at least small amounts of these constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

Your water quality assessment has been completed. Our wells were ranked **Moderate** in terms of water quality. For a copy of the report, please contact our office at 662.547.6123. We want you to understand these terms we've provided the following definitions. In this table you will find terms and abbreviations you might not be familiar with.

(ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one part per million or a single penny in \$10,000.

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(pCi/L) - picocuries per liter is a measure of the radioactivity in water. A concentration of a contaminant which, if exceeded, triggers treatment or other actions that a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant in drinking water. MCLs are set as close to the MCLGs as feasible using the best available technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water that is expected to be safe with no known or expected risk to health. MCLGs allow for a margin of safety.

Contaminant	Level	Range of Detects or # of Samples Exceeding MCL/ACL	Unit	MCLG	MCL	Likely Source of Contamination
	Detected		Measurement		MCL	

111	.0005	0	ppm	5	5	Corrosion of galvanized pipe; Discharge from refineries; from waste batteries & paint from waste batteries & paint
111	0.0005	0	Ppb	n/a	50	Erosion of natural deposits Runoff from orchards & glass and electronics production waste
111	.0025	0	ppb	50	50	Discharge from petroleum and erosion of natural deposits
111	.044266	No Range	ppm	2	2	Discharge from drilling waste; erosion of natural deposits
112	0.49	No Range	ppm	10	10	Runoff from fertilizer use; leaching from Erosion of natural deposits
111	.0005	No Range	Ppb	100	100	Discharge from steel and pulp; Erosion of natural deposits
111	0.3	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservative

Cyanide	N	2011	.015	No Range	ppb	.2	.2	Discharge from metal factories from plastic and fertilizer factories
Fluoride	N	2011	.1	No Range	ppm	4	4	Erosion of natural deposits; additional promotes strontium discharge from and aluminum
Lead	N	2011	0.005	0	ppb	0	AL=.015	Corrosion of household plumbing systems; erosion of natural deposits
Beryllium	N	2011	.0005	No Range	Ppm	6	6	Discharge from refineries; coal factories; Discharge from electrical
Antimony	N	2011	.0005	No Range	ppb	6	4	Discharge from fire retardant ceramics; electrical addition
Mercury (inorganic)	N	2006*	.0005	No Range	ppb	2	2	Erosion of natural deposits from refineries factories; runoff from landfills; cropland
Thallium	N	2011	.0005	No Range	Ppm	6	6	Erosion of natural deposits

Disinfectants & Disinfection By Products

HAA5 Total	N	2011	6	No Range	ppb	0	100	By-product of drinking water chlorination
Chlorine [asCl2]	N	2012	0.5	0.30-0.70	ppm	0.2	4.0	water additive to control microbes
TTHMs Total	N	2011	3.61	No Range	ppb	0	80	By-product of drinking water chlorination

Volatile Organic Contaminants

Toluene	N	2012	0.5	No Range	ppb	1000	1000	Discharge from petroleum factories
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Radioactive Contaminants

Uranium	N	2012	0.5	No Range	ppb	30	30	Discharge from petroleum factories
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Please call our office if you have questions. We ask that all our customers help us protect our water, which are the heart of our community; our way of life and our children's future. This CCR report will be mailed. A copy of this report is available at our office upon request.

Printer's fee \$3.00

PROOF OF PUBLICATION

THE STATE OF MISSISSIPPI COUNTY CHOCTAW

Before the undersigned authority of said county and state personally appeared Chasatie Fisher County of Choctaw, State of Mississippi, Choctaw Plaindealer duly sworn, both depose and say that the publication of the notice hereto affixed has been made in said newspaper for 1 consecutive week(s), to-wit:

Vol. 126, No. 23, on the 05 day of June, 2013
Vol. , No. , on the day of , 2013
Vol. , No. , on the day of , 2013
Vol. , No. , on the day of , 2013
Vol. , No. , on the day of , 2013
Vol. , No. , on the day of , 2013

Sworn to and subscribed to this the 07 day of June, 2013
me the undersigned Notary Public of said County and State.

By: Susan D Adcock

Chasatie Fisher



Printer's fee \$3.00