

2014 SEP 24 AM 8:53

MISSISSIPPI STATE DEPARTMENT OF HEALTH
BUREAU OF PUBLIC WATER SUPPLY
CCR CERTIFICATION
CALENDAR YEAR 2013

LITTLE CREEK WATER
Public Water Supply Name

560015

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. **You must mail, fax or email a copy of the CCR and Certification 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: 6/12/2014 / / , / /

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: Richen Dispatch

Date Published: 6/12/14

CCR was posted in public places. *(Attach list of locations)* Date Posted: 6/23/14

CCR was posted on a publicly accessible internet site at the following address (**DIRECT URL REQUIRED**):

CERTIFICATION

I hereby certify that the 2013 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.

Juan Hernandez CP
Name/Title (President, Mayor, Owner, etc.)

6-23-2014
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

QUALITY WATER REPORT Little Creek Water PWS ID 0560015 - JUNE 2013

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 never violated a maximum contaminant level or any other water quality standard.

Last year, we conducted more than 12 tests for over 80 contaminants. We only detected 34 of those contaminants, and found none at a level higher than the EPA allows. This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains to standards set by regulatory agencies. 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. Those 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?

1 Miles Southwest of McLain, Highway 98 to Little Creek Road, 2 miles South: Aquifer-Moore Series. Well Number 56001101; Well Number 56001102.

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 picks up substances resulting from the presence of animals or from human activity. Microbial contaminants, such as viruses and bacteria, that may cause illness and death in some people, are commonly found in surface water. Inorganic substances, 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 use. 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. Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities. In order to assure 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?

The Little Creek Water Association meets every second Tuesday of each month. The meetings are held at the Progress Hill Community Center at 7:00 p.m.

Educational Statement for Lead

Infants and young children are typically more vulnerable to lead in drinking water than the general population. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing. If you are concerned about elevated lead levels in your home's water, you may wish to have your water tested and flush your tap for 30 seconds to 2 minutes before using tap water. Additional information is available from Safe Drinking Water Hotline (800-426-4791).

Water Quality Data Table

The table below 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 a year because the concentrations of these contaminants do not change frequently.

Contaminant (unit)	MCLD	MCL	Your Water	Range	Sample Date	Violation	Typical Source
				Low High			
Inorganic Contaminants							
Antimony (ppb)	5	0.006	0.0005	NA	---	No	Discharge from petroleum refineries; for remanents, ceramic, electronic, solder, test addition.
Arsenic (ppb)	NA	0.05	0.00005	NA	---	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes.
Boron (ppm)	2	2	0.0231	NA	---	No	Discharge from metal refineries; Erosion of natural deposits.
Beryllium (ppb)	4	0.004	0.0005	NA	---	No	Discharge from metal refineries and coal-burning facilities; Discharge from electrical, aerospace, and defense industries.
Calcium (ppb)	5	0.05	0.0005	NA	---	No	Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries; runoff from weak batteries and paints.
Chromium (Total) (ppb)	100	0.01	0.0001	NA	---	No	Discharge from metal and pulp mills; Erosion of natural deposits.
Cyanide (as Free Cyanide) (ppb)	200	0.2	0.015	NA	---	No	Discharge from plastic and fertilizer factories; Discharge from metal/chemical factories.
Fluoride (ppm)	4	4	0.114	NA	---	No	Erosion of natural deposits; Water additive which prevents among teeth; Discharge from fertilizer and aluminum factories.
Mercury (Inorganic) (ppb)	2	0.02	0.0005	NA	---	No	Erosion of natural deposits; Discharge from refineries and factories; Runoff from landfills; Runoff from crematoria.
Nickel (ppb)	MOR	MOR	5	NA	---	No	Erosion of natural deposits; Leaching.
Selenium (ppb)	50	0.05	0.0025	NA	---	No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines.
Thallium (ppb)	0.5	0.002	0.0005	NA	---	No	Discharge from electronics, glass, and Leaching from non-precipitating drug factories.

Unregulated Contaminants	NA	NA	12.7	NA	---	No	
Volatile Organic Compounds (ppb)	200	0.5	NA	---	No	Discharge from metal degreasing sites and other factories.	
1,1,1-Trichloroethane (ppb)	3	5	0.5	NA	---	No	Discharge from industrial chemical factories.
1,1-Dichloroethane (ppb)	7	7	0.5	NA	---	No	Discharge from industrial chemical factories.
1,2-Dichloroethane (ppb)	70	70	0.5	NA	---	No	Discharge from textile finishing facilities.
1,2-Dichloropropane (ppb)	0	5	0.5	NA	---	No	Discharge from industrial chemical factories.
Benzene (ppb)	0	5	0.5	NA	---	No	Discharge from fueling; Leaching from gas storage tanks and landfills.
Carbon Tetrachloride (ppb)	0	5	0.5	NA	---	No	Discharge from chemical plants and other industrial activities.
Chlorobenzene (ppb)	100	100	0.5	NA	---	No	Discharge from metal and agricultural chemical factories.
cis-1,2-Dichloroethylene (ppb)	70	70	0.5	NA	---	No	Discharge from industrial chemical factories.
Dichloromethane (ppb)	0	5	0.5	NA	---	No	Discharge from pharmaceutical and chemical factories.
Ethylbenzene (ppb)	700	700	0.5	NA	---	No	Discharge from petroleum refineries.
o-Dichlorobenzene (ppb)	400	400	0.5	NA	---	No	Discharge from industrial chemical factories.
p-Dichlorobenzene (ppb)	75	75	0.5	NA	---	No	Discharge from industrial chemical factories.
Styrene (ppb)	100	100	0.5	NA	---	No	Discharge from rubber and plastic factories; Leaching from landfills.
Tetrahaloethylene (ppb)	0	5	0.5	NA	---	No	Discharge from factories and dry cleaners.
Toluene (ppb)	1	1	0.5	NA	---	No	Discharge from petroleum factories.
trans-1,2-Dichloroethylene (ppb)	100	100	0.5	NA	---	No	Discharge from industrial chemical factories.
Trichloroethylene (ppb)	0	5	0.5	NA	---	No	Discharge from metal degreasing sites and other factories.
Vinyl Chloride (ppb)	0	2	0.5	NA	---	No	Leaching from PVC piping; Discharge from metal factories.
Xylenes (ppm)	10	10	0.5	NA	---	No	Discharge from petroleum factories.
Trihalomethanes (ppb)	0	0	13.23	ppb	---	No	Discharge from chemical factories.

Halocyclic Acids (HAAs)	0	0	0.00	ppb	---	NO	High chlorine reaction
THE MAXIMUM RESIDUAL DISINFECTANT LEVEL							
Chlorine (ppb)	4	4	0.24	NA	2007	NO	DISINFECTION BYPRODUCTS
Chlorine (ppb)	4	4	0.17	NA	2008	NO	DISINFECTION BYPRODUCTS
Chlorine (ppb)	4	4	0.69	NA	2009	NO	DISINFECTION BYPRODUCTS
Chlorine (ppb)	4	4	0.70	NA	2010	NO	DISINFECTION BYPRODUCTS
Chlorine (ppb)	4	4	1.25	NA	2011	NO	DISINFECTION BYPRODUCTS
Chlorine (ppb)	4	4	1.60	NA	2012	NO	DISINFECTION BYPRODUCTS
Chlorine (ppb)	4	4	0.80	NA	2013	NO	DISINFECTION BYPRODUCTS
MRDL RANGE:	0.50 MG/L to 1.00 MG/L		(This range should be reported on your CCR in the "Range" field)				
Highest QR RAR:	0.30 MG/L		(This value should populate the field "Your Water" on your CCR)				
LEAD	0.015	0.004	NA	2011	NO	CORROSION OF HOUSE PLUMBING & NATURAL	
COPPER	1.3	0.015	NA	2011	NO	CORROSION OF HOUSE PLUMBING & NATURAL	

ND: Not detected
 ppm: parts per million, or milligrams per liter (mg/L)
 ppb: parts per billion, or micrograms per liter (ug/L)
 MNR: Monitoring not required, but recommended.

Important Drinking Water Definitions:
 MCL: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLs 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.
 MRDL: Maximum residual disinfectant level goal: The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
 MRDL: Maximum residual disinfectant level: There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Violations:
 Beryllium
 Some people who drink water containing beryllium well in excess of the MCL over many years could develop intractable lesions.

****** APRIL 1, 2013 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 and Enforcement, Bureau of Public Water Supply, at (601) 576-7518.

For more information: Little Creek Water
 Attn: Juan Herring
 P. O. Box 261
 McLain, MS 39456
 Phone: (601) 270-5645

PROOF OF PUBLICATION
THE STATE OF MISSISSIPPI • PERRY COUNTY

RECEIVED-WATER SUPPLY

2014 SEP 24 AM 8:50

PERSONALLY appeared before me, the undersigned Notary Public in and for Perry County, Mississippi, Larry A. Wilson, an authorized representative of *The Richton Dispatch*, a weekly newspaper as defined and prescribed in Sections 13-3-31 and 13-3-32 of the Mississippi Code of 1972, as amended, who being duly sworn, stated that the notice, a true copy of which hereto attached, appeared in the issues of said newspaper as follows:

Vol. 109 No. 9 Date June 12, 2014
Vol. _____ No. _____ Date _____, 20____
Vol. _____ No. _____ Date _____, 20____
Vol. _____ No. _____ Date _____, 20____
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Vol. _____ No. _____ Date _____, 20____
Vol. _____ No. _____ Date _____, 20____
Vol. _____ No. _____ Date _____, 20____

Published 1 times

Total.....\$ _____

Signed: Larry A. Wilson

Authorized Representative of
The Richton Dispatch

SWORN to and subscribed before me the 23rd day of June, 2014.

Katie L. Pittman
Notary Public

(SEAL)

