

2019 CERTIFICATION

Consumer Confidence Report (CCR)

Little Creek Water

Public Water System 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 (PWS) to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the PWS, 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 email, fax (but not preferred) or mail a copy of the CCR and Certification to the 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 (Email the message to the address below)
- Other _____

Date(s) customers were informed: 7/1/2020 1/2020 7/1/2020

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

Date Mailed/Distributed: 1/1

CCR was distributed by Email (Email MSDH a copy)

Date Emailed: 1/2020

- As a URL _____ (Provide Direct 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: _____

Date Published: 7/2/20

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

Date Posted: 7/1/2020

CCR was posted on a publicly accessible internet site at the following address:

PO Box 261 7-1-20 (Provide Direct URL)

CERTIFICATION

I hereby certify that the 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 PWS officials by the Mississippi State Department of Health, Bureau of Public Water Supply

Juan Hernandez

8-2-20

Name/Title (Board President, Mayor, Owner, Admtn. Contact, etc.)

Date

Submission options (Select one method ONLY)

Mail: (U.S. Postal Service)
MSDH, Bureau of Public Water Supply
P.O. Box 1700
Jackson, MS 39215

Email: water_reports@msdh.ms.gov

Fax: (601) 576-7800

Not a preferred method due to poor clarity.

CCR Deadline to MSDH & Customers by July 1, 2020!

QUALITY WATER REPORT Little Creek Water PWS ID 0560015 - MAY 2019

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 zero 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, and how it compares 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. 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?

3 Miles Southwest of McLain, Highway 98 to Little Creek Road, 2 miles South: Aquifer-Miocene Series. Well Number 560015/01; Well Number 560015/02

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. 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?

The Little Creek Water Association meets every second Tuesday of each month. The meetings are held at the corner of Prentiss and Posey Road at the well site at 10:00 a.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 per year because the concentrations of these contaminants do not change frequently.

Contaminant(s) (units)	MCLG	MCL	Your Water	Range Low	Range High	Sample Date	Viol#	Typical Source
Unregulated Contaminants								
Sulfate (ppm)	NA	NA	12.7	NA		---	No	
Volatile Organic Contaminants						2016		
1,1,1-Trichloroethane (ppb)	200	200	0.5	NA		---	No	Discharge from metal degreasing sites and other factories
1,1,2-Trichloroethane (ppb)	5	5	0.5	NA		---	No	Discharge from industrial chemical factories
1,1-Dichloroethylene (ppb)	7	7	0.5	NA		---	No	Discharge from industrial chemical factories
1,2,4-Trichlorobenzene (ppb)	70	70	0.5	NA		---	No	Discharge from textile-finishing factories
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 factories; 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 chemical 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)	600	600	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
Tetrachloroethylene (ppb)	0	5	0.5	NA		---	No	Discharge from factories and dry cleaners
Toluene (ppm)	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 plastics 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
Halocacetic Acids (HAA5)	0	0	0.00	ppb		---	NO	High chlorine reaction

THE MAXIMUM RESIDUAL DISINFECTANT LEVEL

CHLORINE (ppb)	4	4	2.14	NA	NA	2017	NO	DISINFECTION BYPRODUCTS
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MRDL RANGE: 0.30 MG/L to 2.22 MG/L (This range should be reported on your CCR in the "Range" field.)
 Highest QTR RAA: 1.80 MG/L (This value should populate the field "Your Water" on your CCR.)

LEAD	0.015	2	NA	2017	NO	COROSION OF HOUSE PLUMBING & NATURAL
COPPER	1.3	0.2	NA	2017	NO	COROSION OF HOUSE PLUMBING & NATURAL

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

Units Description:
 NA: Not applicable

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.

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. 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 intestinal lesions.

Toluene (ppm)	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 plastics 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
Halocacetic Acids (HAA5)	0	0	0.00	ppb	---	NO	High chlorine reaction

THE MAXIMUM RESIDUAL DISINFECTANT LEVEL

CHLORINE (ppb)	4	4	2.14	NA	NA	2017	NO	DISINFECTION BYPRODUCTS
----------------	---	---	------	----	----	------	----	-------------------------

MRDL RANGE: 0.30 MG/L to 2.22 MG/L
 Highest QTR RAA: 1.60 MG/L

(This range should be reported on your CCR in the "Range" field.)
 (This value should populate the field "Your Water" on your CCR.)

LEAD	0.015	2	NA	2017	NO	COROSION OF HOUSE PLUMBING & NATURAL
COPPER	1.3	0.2	NA	2017	NO	COROSION 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

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For more information:

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