

2017 CERTIFICATION

2018 JUN 14 AM 9:13

Consumer Confidence Report (CCR)

Town of GUNNISON

Public Water System Name

0060009

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) WILL MAIL*
- Email message *(Email the message to the address below)*
- Other _____

Date(s) customers were informed: 6 / 1 / 2018 / / / 2018 / / / 2018

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

Date Mailed/Distributed: 6 / 1 / 18

CCR was distributed by Email *(Email MSDH a copy)*

Date Emailed: _____ / / 2018

- 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: _____ / / _____

CITY HALL

CCR was posted in public places. *(Attach list of locations)* POST OFFICE Date Posted: 6 / 1 / 2018

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

_____ *(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

Francis Ward Mayor
Name/Title *(President, Mayor, Owner, etc.)*

6/1/18
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, 2018!

Annual Drinking Water Quality Report
Town of Gunnison
PWS ID # 0060009
May 2018

2018 JUN 14 AM 9: 13

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 consists of 2 wells that draw from the Cockfield Formation Aquifer.

A source water assessment has been completed for the water supply to determine the overall susceptibility of its drinking water to identify potential sources of contamination. The water supply for the Town of Gunnison received a moderate susceptibility ranking to contamination.

We're pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Bobby Brown at 662-747-0571. 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 of each month at Gunnison Town Hall at 6:00 pm.

The Town of Gunnison 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, 2017. 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.

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

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

Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

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 Collected | Level Detected | Range of Detects or # of Samples Exceeding MCL/ACL | Unit Measurement | MCLG | MCL | Likely Source of Contamination |
|---|---------------|--------------------|----------------|--|------------------|------|--------|---|
| Inorganic Contaminants | | | | | | | | |
| 8. Arsenic | N | 2014* | 9 | No Range | Ppb | n/a | 50 | Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes |
| 10. Barium | N | 2014* | 0.057 | No Range | Ppm | 2 | 2 | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits |
| 13. Chromium | N | 2014* | 5.6 | No Range | Ppb | 100 | 100 | Discharge from steel and pulp mills; erosion of natural deposits |
| 14. Copper | N | 1/1/17 to 12/31/19 | 0.1 | None | ppm | 1.3 | AL=1.3 | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |
| 16. Fluoride | N | 2014* | 0.128 | No Range | ppm | 4 | 4 | Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories |
| 21. Selenium | N | 2014* | 3.6 | No Range | ppb | 50 | 50 | Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines |
| Volatile Organic Contaminants | | | | | | | | |
| 76. Xylenes | N | 2014* | 2.54 | None | ppm | 10 | 10 | Discharge from petroleum factories; discharge from chemical factories |
| Disinfectants & Disinfectant By-Products | | | | | | | | |
| Chlorine (as Cl ₂) | N | 1/1/17 to 12/31/17 | 0.70 | 0.21 to 0.78 | ppm | 4 | 4 | Water additive used to control microbes |
| 73. THM [Total tri-halomethanes] | N | 2017 | 4 | No Range | ppb | 0 | 80 | By-product of drinking water chlorination |
| HAA5 | N | 2017 | 1.0 | No Range | ppb | 0 | 60 | By-product of drinking water chlorination |

* Most recent sample results available

Significant Deficiencies:

During sanitary surveys conducted on 11/19/2014 and 11/16/2017, the MS State Department of Health cited the following significant deficiencies:

- 1) Inadequate follow-up on previous deficiencies - 11/16/17
- 2) Inadequate security measures - 11/19/14 & 11/16/17
- 3) Lack of redundant mechanical components where treatment is required - 11/19/14 & 11/16/17

Corrective Actions:

- 1) This deficiency is within the 120 day deadline for completion or a compliance plan by 5/23/18
- 2 & 3) These deficiencies are part of a set of deficiencies that have been cited in 2017 also and are still in the initial 120 day deadline for completion or a compliance plan by 5/23/18

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 Gunnison 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.

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. 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.

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 are available from the Safe Drinking Water Hotline (800-426-4791).

This report is being published in the paper and will not be mailed. Please call our office if you would like a copy or if you have any questions.