

**Annual Drinking Water Quality Report for 2016**  
**Town of Floyd Water District**  
 8299 Old Floyd Road – Rome, NY 13440  
 (Public Water Supply ID# NY3222694)

**Supplemental to City of Rome  
 Report – see City of Rome  
 Report for additional required  
 reporting information**



**TOWN OF FLOYD WATER DISTRICT CONTACT INFORMATION**

If you have any questions about this report or concerning your drinking water, please contact Michelle Kotary, Water Operator, at 865-4256 ext. 24. We want you to be informed about your drinking water. If you want to learn more, please attend any of our regularly scheduled Town board meetings. The meetings are held on the first Tuesday of each month, at the Floyd Town Hall (8299 Old Floyd Road), at 7:00 PM.

**WHERE DOES OUR WATER COME FROM?**

The Town of Floyd Water District purchases all of its water from the City of Rome (see the City of Rome Report for additional information on where our water comes from). On a seasonal basis, the Town of Floyd adds liquid chlorine to the water to ensure adequate disinfection. Water is served to approximately 1710 people through 810 service connections.

**ARE THERE CONTAMINANTS IN OUR DRINKING WATER?**

In addition to the City of Rome sample results (see City of Rome Report), the Town of Floyd Water District routinely tests your drinking water for lead and copper, disinfection byproducts, coliform bacteria and disinfection residuals. The table presented below depicts which compounds were detected in your drinking water.

**Table of Detected Contaminants (Floyd WD)**

| Contaminant  | Is System in Violation? | Date of Sample    | Level Detected Average or Maximum (Range)       | Unit Measurement | MCLG / MRDLG | Regulatory Limit (MCL, MRDL or AL) | Likely Source of Contamination   |
|--|-------------------------|-------------------|---|------------------|--------------|------------------------------------|--|
| <b>Microbiological Contaminants</b>  |                         |                   |   |                  |              |                                    |  |
| Total Coliform   | No                      | 3/2016            | Present <sup>(1)</sup> in one sample            | N/A              | 0            | Any positive sample <sup>2</sup>   | Naturally present in the environment.  |
| E-Coli   | No                      | 3/2016            | Present <sup>(1)</sup> in one sample            | N/A              | 0            | Any positive sample <sup>3</sup>   | Naturally present in the environment.  |
| <b>Inorganic Contaminants</b>  |                         |                   |   |                  |              |                                    |  |
| Copper   | No                      | 8/15              | 0.047 <sup>(4)</sup><br>(range = 0.0047 – 0.22) | mg/l             | 1.3          | AL = 1.3                           | Corrosion of household plumbing systems.   |
| Lead   | No                      | 8/15              | ND <sup>(5)</sup><br>(range = ND – 2.3)         | ug/l             | 0            | AL = 15                            | Corrosion of household plumbing systems;<br>Erosion of natural deposits.   |
| <b>Disinfectants</b>   |                         |                   |   |                  |              |                                    |  |
| Chlorine Residual  | No                      | Daily/<br>Monthly | 0.2 <sup>(6)</sup><br>(range = 0.17 – 0.26)     | mg/l             | N/A          | MRDL = 4 <sup>(5)</sup>            | Water additive used to control microbes.   |
| <b>Disinfection Byproducts</b>   |                         |                   |   |                  |              |                                    |  |
| Haloacetic Acids (mono-, di-, and trichloroacetic acid, and mono- and dibromoacetic acid)            | No                      | Quarterly         | 52 <sup>(7)</sup><br>(range = 1.5 – 63)         | ug/l             | N/A          | MCL = 60                           | By-product of drinking water disinfection needed to kill harmful organisms.  |
| Total Trihalomethanes (TTHMs – chloroform, bromodichloromethane, dibromochloromethane and bromoform) | No                      | Quarterly         | 57 <sup>(7)</sup><br>(range = 21.7 – 64)        | ug/l             | N/A          | MCL = 80                           | By-product of drinking water chlorination needed to kill harmful organisms. TTHMs are formed when source water contains large amounts of organic matter. |

**See City of Rome AWQR for additional sample information - Physical Parameters, Radioactive Contaminants, Inorganic Contaminants, Synthetic Organic Contaminants, Principal Organic Contaminants, Lead and Copper**

**Notes:**

- 1 - On March 23, 2016 total coliform bacteria and E-Coli were detected in a routine compliance sample collected in the system. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful organisms may be present. Additional samples were subsequently collected following the positive result in the distribution system and neither, total coliforms or E-Coli were detected in those samples.
- 2- Prior to April 1, 2016, an MCL violation occurs at systems collecting 40 or more samples per month when more than 5% of the total coliform samples are positive or at systems collecting less than 40 samples per month when two or more samples are total coliform positive.
- 3- After March 31, 2016, the MCL for total coliforms is replaced by a treatment technique trigger. A Level 1 assessment is triggered at systems collecting 40 or more samples per month when more than 5% of the total coliform samples are positive or at systems collecting less than 40 samples per month when two or more samples are total coliform positive. A Level 1 assessment can also be triggered if the system fails to take every required repeat sample after any single total coliform-positive sample.
- 4 - The level presented represents the 90<sup>th</sup> percentile of the ten (10) sites tested. A percentile is a value on a scale of 100 that indicates the percent of a distribution that is equal to or below it. The 90<sup>th</sup> percentile is equal to or greater than 90% of the copper values detected at your water system. In this case, ten (10) samples were collected at your water system and the 90<sup>th</sup> percentile value was the second highest value. The action level for copper was not exceeded at any of the sites tested.
- 5 - The level presented represents the 90<sup>th</sup> percentile of the 10 sites tested. The action level for lead was exceeded at one of the sites tested (55 ug/l).
- 6 - This level represents the Running Annual Quarterly Average (RAA) of chlorine residuals as noted on submitted monthly microbiological sample reports.
- 5 - Value presented represents the Maximum Residual Disinfectant Level (MRDL) which is a level of disinfectant added for water treatment that may not be exceeded at the consumer's tap without an unacceptable possibility of adverse health effects. MRDLs are currently not regulated but in the future they will be enforceable in the same manner as MCLs.
- 7 - The value presented represents the highest LRAA and range of measurements for samples collected. Compliance with the Stage 2 DBP Rule MCL for Haloacetic Acids (HAA5s) and Trihalomethanes (TTHMs) is based upon the Locational Running Annual Average (RAA) of the quarterly samples collected during four consecutive quarters. Although samples may include a result that exceeds the MCL, the result is averaged with the other samples to determine compliance with the MCL. Our system was in compliance with the MCLs for both HAA5 and TTHMs.

**WHAT DOES THIS INFORMATION MEAN?**

As you can see by the table, our system had no violations. We have learned through our testing that some contaminants have been detected; however, most of these contaminants were detected below the level allowed by the State.

**IS OUR WATER SYSTEM MEETING OTHER RULES THAT GOVERN OPERATIONS?**

Last year, our system was in general compliance with applicable State drinking water operating, monitoring and reporting requirements. Unfortunately, we failed to submit the Annual Water Quarterly Report Delivery Certification By September 1, 2016 as required. Once we were made aware of the situation, we immediately forwarded the certification. This reporting violation does not pose a threat to the quality of our water supply and does not affect the quality of the water we serve you.

**CLOSING**

Thank you for allowing us to continue to provide your family with quality water this year. We ask all our customers help us protect our water system, which is the heart of our community and our way of life. Please call our office at 865-4256 ext. 24 if you have any questions.

**See Attached City of Rome Report for additional required reporting, sampling, treatment and water source information.**