

# Annual Drinking Water Quality Report for 2017

**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>Inorganic Contaminants</b>							
Copper	No	8/15	0.047 <sup>(1)</sup> (range = 0.0047 – 0.22)	mg/l	1.3	AL = 1.3	Corrosion of household plumbing systems.
Lead	No	8/15	ND <sup>(2)</sup> (range = ND – 2.3)	ug/l	0	AL = 15	Corrosion of household plumbing systems; Erosion of natural deposits.
<b>Disinfectants</b>							
Chlorine Residual	No	Daily/ Monthly	0.21 <sup>(3)</sup> (range = 0.18 – 0.24)	mg/l	N/A	MRDL = 4 <sup>(4)</sup>	Water additive used to control microbes.
<b>Disinfection Byproducts (DBP)</b>							
Haloacetic Acids (mono-, di-, and trichloroacetic acid, and mono- and dibromoacetic acid)	No	Quarterly	56 <sup>(5)</sup> (range = 40 – 77.9 )	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	72 <sup>(5)</sup> (range = 31.7 – 107)	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.
<b>See City of Rome AWQR for additional sample information - Physical Parameters, Radioactive Contaminants, Inorganic Contaminants, Synthetic Organic Contaminants, Principal Organic Contaminants, Lead and Copper</b>							

**NOTES:**

- 1 - 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.
- 2 - 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).
- 3 - This level represents the Running Annual Quarterly Average (RAA) of chlorine residuals as noted on submitted monthly microbiological sample reports.
- 4 - 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.
- 5 - 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.

**Definitions:**

<b>ACTION LEVEL</b>	<b>AL</b>	The concentration of a contaminant that, if exceeded, triggers treatment or other requirements that a water system must follow.
<b>MAXIMUM CONTAMINANT LEVEL</b>	<b>MCL</b>	The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible.
<b>MAXIMUM CONTAMINANT LEVEL GOAL</b>	<b>MCLG</b>	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.
<b>MAXIMUM RESIDUAL DISINFECTANT LEVEL</b>	<b>MRDL</b>	The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
<b>MAXIMUM RESIDUAL DISINFECTANT LEVEL GOAL</b>	<b>MRDLG</b>	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 contamination.
<b>MILLIGRAMS PER LITER</b>	<b>mg/l</b>	Corresponds to one part of liquid in one million parts of liquid (parts per million - ppm).
<b>MICROGRAMS PER LITER</b>	<b>ug/l</b>	Corresponds to one part of liquid in one billion parts of liquid (parts per billion - ppb).
<b>NEPHELOMETRIC TURBIDITY UNIT</b>	<b>NTU</b>	A measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.
<b>NON-DETECTED</b>	<b>ND</b>	Laboratory analysis indicates that the constituent is not present.
<b>PICOCURIES PER LITER</b>	<b>pCi/l</b>	A measure of the radioactivity in water.
<b>TREATMENT TECHNIQUE</b>	<b>TT</b>	A required process intended to reduce the level of a contaminant in drinking.

**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.

**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.**