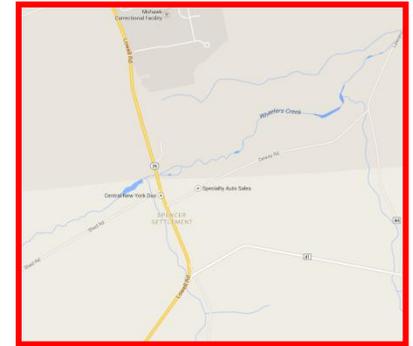


Annual Drinking Water Quality Report for 2017

Spencer Settlement Water District

P.O. Box 310 - Westmoreland, NY 13490
(Public Water Supply ID# NY3233173)

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



SPENCER SETTLEMENT WATER DISTRICT CONTACT INFORMATION

If you have any questions about this report or concerning your drinking water, please contact Theodore Flint, Water Plant Operator at 315-853-1746. 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 second Monday of each month, at 7:00PM at the Westmoreland Town Hall (100 Station Road, Westmoreland).

WHERE DOES OUR WATER COME FROM?

The Spencer Settlement Water District is a purchase water system of the City of Rome Water System, meaning all water is purchased from the City of Rome and distributed through our water mains to customers. Water from the City of Rome also passes through the Mohawk Correctional Facility water system before it is distributed to our customers. Our water system serves approximately 30 people through 20 service connections. (See the City of Rome Area Reports for additional information on where our water comes from.)

ARE THERE CONTAMINANTS IN OUR DRINKING WATER?

In addition to the City of Rome and Mohawk Correctional Facility sample results (see attached reports), the Spencer Settlement Water District Water System routinely tests your drinking water for coliform bacteria and disinfection residuals. The table presented below depicts which compounds were detected in your drinking water.

Table of Detected Contaminants (Spencer Settlement 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
Disinfectants (See also City of Rome's AWQR)							
Chlorine Residual	No	Daily / Monthly	0.42 ⁽¹⁾ (range = 0.2 – 0.6)	mg/l	N/A	MRDL = 4 ⁽²⁾	Water additive used to control microbes.
Disinfection Byproducts (See also City of Rome's AWQR)							
Haloacetic Acids (mono-, di-, and trichloroacetic acid, and mono- and dibromoacetic acid)	No	Quarterly	54 ⁽³⁾ (range = 46 – 63.7)	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	76 ⁽³⁾ (range = 44 – 116)	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 - The levels presented represent the average and range of the levels reported on the monthly microbiological sampling reports.
- 2 - 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.
- 3 - This level represents the highest average and range of results of quarterly sampling in compliance with Stage 2 Disinfection Byproduct Rule. Compliance with the Disinfection Byproduct Rule is determined by the Locational Running Annual Average (LRAA) of quarterly samples collected during four consecutive quarters. Although a single result (63.7 ug/l) for Haloacetic Acids was greater than the MCL (60 ug/l), the average over the 4 quarters was below the MCL. And although two quarterly sample results (116ug/l and 93.9 ug/l) of total trihalomethanes were above the MCL, the average of the four quarters was below the MCL. Therefore, our water system was in compliance with the MCL. Because we had an elevated result, we are including the following language for your information, "Some people who drink water containing Haloacetic acids and Trishalomethanes) in excess of the MCL over many years may have an increased risk of getting cancer."

WHAT DOES THIS INFORMATION MEAN?

As you can see, our system had no violations. We have learned through our testing that some contaminants have been detected; however, all of these contaminants were detected below New York State requirements.

IS OUR WATER SYSTEM MEETING OTHER RULES THAT GOVERN OPERATIONS?

Last year, our system was in compliance with applicable State drinking water operating, monitoring and reporting requirements. Our system has been found to have elevated levels of Total Haloacetic Acids (HAA5s) and Total Trihalomethanes (TTHMs) . Violations of the Maximum Contaminant Level (MCL) for HAA5s and TTHMs are determined by Running Annual Average (**RAA**) of samples results of quarterly averages. The RAA **did not** exceed the MCL for HAA5s and TTHMs during 2017.

CLOSING

Thank you for allowing us to continue to provide your family with quality drinking water this year. In order to maintain a safe and dependable water supply we sometimes need to make improvements that will benefit all of our customers. The costs of these improvements may be reflected in the rate structure. Rate adjustments may be necessary in order to address these improvements. Please call our office if you have questions.

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