

Annual Drinking Water Quality Report for 2016

TOWN OF YORK WATER DISTRICT

(Public Water Supply # 2501027)

Leicester-York WATER DISTRICT

(Public Water Supply # 2501026)

The Town of York Consolidated Water District purchases all water from the Village of Geneseo. In 2016, the Town purchased a total of 156,908,000 gallons of water, which is a daily average of 430,000. To date, the York Consolidated Water District has a total of 1053 service connections. As stated, between January 1, 2016 and December 31, 2016, a total of 156,908,000 gallons of water was purchased from the Village of Geneseo. Of that amount 143,312,000 gallons were recorded as metered usage and 1,345,000 gallons as unmetered usage (coin sales). The result of all usage totals 144,657,000 gallons with 12,251,000 gallons (7.8%) lost due to routine maintenance, fire fighting, leaks and flushing of hydrants. *Note all numbers are rounded to warrant 1,000 gallons.

In 2016 the Leicester-York Water District purchased a total of 3,950,000 gallons of water, which is a daily average of 10,822. The water system to date serves 45 people through 18 service connections. Of that amount 2,467,000 gallons were recorded as metered usage, leaving 1,483,000 gallons lost due to routine maintenance, firefighting and flushing of hydrants.

The quarterly water rates for York Consolidated Water District are as follows:

Inside the District

Min. Rate	Units	New Rate	Per Unit
\$ 29.35	0-6,000		
	6,001-20,000	\$ 5.01	1,000
	20,001- 50,000	\$ 5.00	1,000
	50,001- 250,000	\$ 4.95	1,000
	250,001- 1,000,000	\$ 4.90	1,000
	1,000,001- 2,000,000	\$ 4.89	1,000
	2,000,001- 3,000,000	\$ 4.86	1,000
	3,000,001-4,000,000	\$ 4.83	1,000
	4,000,001- 5,000,000	\$ 4.78	1,000
	5,000,001 and greater	\$ 4.58	1,000

Outside the District-R2

<u>Min. Rate</u>	<u>Units</u>	<u>New Rate</u>	<u>Per Unit</u>
\$53.40	10,000	\$5.34	1,000

Town of Leicester-MR2

<u>Min. Rate</u>	<u>Units</u>	<u>New Rate</u>	<u>Per Unit</u>
\$53.40	10,000	\$5.34	1,000

ARE THERE CONTAMINANTS IN OUR DRINKING WATER?

The table presented below depicts which compounds were detected in your drinking water. The State allows us to test for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though representative, are more than one year old. It should be noted that all drinking water, including bottled drinking water, may be reasonably 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 EPA's Safe Drinking Water Hotline (800-426-4791) or the Livingston County Department of Health at 585-243-7280.

DOES THE TOWN OF YORK TEST OUR WATER?

In addition to the laboratory testing the Village of Geneseo performs, the Town of York also routinely monitors the drinking water for Total Coliform, Haloacetic Acids (HAA's), Total Trihalomethanes (TTHMs), and Lead and Copper in compliance with State and Federal standards. In 2016, the Town tested 33 "at the tap" samples for the presence of coliform bacteria. Of these samples, 0 tested positive for total coliforms.

Table of Detected Contaminants							
Contaminant	Violation Yes/No	Date of Sample	Level Detected	Unit Measurement	MCLG	Regulatory Limit (MCL, TT or AL)	Likely Source of Contamination
Inorganic Contaminants							
Copper	No	7/7/14 7/8/14	See Village of Geneseo Table of Detected Contaminants for compliance results ¹				Corrosion of household plumbing systems.
Lead	No	7/7/14 7/8/14	See Village of Geneseo Table of Detected Contaminants for compliance results ¹				Corrosion of household plumbing systems; Erosion of natural deposits.
Disinfection Byproducts Stage 2							
Contaminant	Violation Yes/No	Date of Sample	Level Detected	Unit Measurement	MCLG	Regulatory Limit (MCL, TT or AL)	Likely Source of Contamination
Total Trihalomethanes (TTHMs)	Yes	2/2/16 5/10/16 8/23/16 11/15/16	Site 1 82.25 ² (68-73) ³	ug/L	N/A	80	By-product of drinking water chlorination needed to kill harmful organisms. TTHMs are formed when source water contains large amounts of organic matter.
Haloacetic Acids (HAAS)	No	2/2/16 5/10/16 8/23/16 11/15/16	Site 2 43 (19-53) ³	ug/L	N/A	60	By-Product of drinking water Chlorination.

Leicester-York Water District

Contaminant	Violation Yes/No	Date of Sample	Level Detected	Unit Measurement	MCLG	Regulatory Limit (MCL, TT or AL)	Likely Source of Contamination
Microbiological Contaminants							
E. coli	Yes	7/8/16	4 positive samples ⁵	N/A	0	MCL=2 or more positive samples	Human and animal fecal waste
Disinfection Byproducts Stage 2							
Total Trihalomethanes (TTHMs)	No	8/2/2016	29 ⁴	ug/L	N/A	80	By-product of drinking water chlorination needed to kill harmful organisms. TTHMs are formed when source water contains large amounts of organic matter.

Haloacetic Acids (HAAS)	No	8/2/2016	10.0 ⁴	ug/L	N/A	60	By-Product of drinking water Chlorination.
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Notes:

¹ - 20 lead and copper samples were collected throughout the systems served by the Village of Geneseo, York and the Town of Geneseo water systems. Out of 20, 4 samples were collected throughout the York water system.

² - At least one sample was collected and analyzed each quarter. The level presented represents the highest running annual quarterly average calculated from the data collected.

³ - The level presented is the range of results for the samples collected in 2016.

⁴ - The Leicester/York Water Supply is required to collect and analyze 1 sample per year.

⁵ - E. coli are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Microbes in these wastes can cause short-term effects such as diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, and people with severely compromised immune systems.

What does this information mean?

As you can see by the table, the Town of York exceeded a maximum contaminant level for TTHMs and the Leicester-York system exceeded a maximum contaminant level for E. coli.

We are required to monitor your drinking water for specific contaminants on a regular basis. Results or regular monitoring are an indicator of whether or not your drinking water meets health standards. On July 8, 2016 a boil water notice was issued when the Leicester-York Water District tested positive for E-Coli. As a precaution the Town of York Water District was added to the boil water notice, although they did not test positive for any contaminates. Regulations require that bacteria analysis be performed to lift the boil water notice. The order was lifted after the laboratory analysis results determined that the water provided by the Town of York Water District was safe for human consumption.

In the 2nd and 3rd quarter of 2016. The York Water District was in violation of exceeding the TTHM running annual average as a result of an elevated sample collected in 2015. The four samples collected in 2016 were all below the TTHM regulatory limit. The Town of York Water District established a plan which enhanced flushing along with working with the Village of Geneseo for better TTHM results. The water operators of the Town of York work diligently to meet the NYSDOH and EPA water compliance standards. It is important to note that the sampling location for TTHM represents the location where the highest levels are thought to occur, and may not be representative of the entire distribution system. The Town of York Water District and the Livingston County Department of Health will continue to closely monitor the water system to ensure that the water quality is acceptable for all individuals being served.

Unregulated Contaminants Monitoring Requirements List

Our system was required to sample for a group of contaminants that have no limits. We tested four consecutive quarters from January 2015 through October 2015 and found none of these contaminants in our system. The unregulated contaminants tested for in 2015, are no longer required for 2016. They are listed as follows: 17-alpha-ethylestradiol, 17-beta-estradiol, 4-androstene-3,17-dione, equilin, estriol, estrone and testosterone.

IS OUR WATER SYSTEM MEETING OTHER RULES THAT GOVERN OPERATIONS?

During 2016, our system was in compliance with applicable State drinking water operating, monitoring and reporting requirements.

SYSTEM IMPROVEMENTS IN THE TOWN OF YORK

Throughout 2016 the Town of York completed several water projects, and continued with routine maintenance:

- 33 Samples were tested for the presence of coliform bacteria, none tested positive for total coliforms.
- The Livingston County Health Department conducted their annual inspection of the Town of York Water System on November 10, 2016. The report is on file at the Water Department for inspection during regular office hours.
- As part of our routine maintenance, the entire water system was flushed in the fall, including testing of the hydrants. Some isolated areas were flushed more often.
- McVean Road Extension is complete.
- Three new service connections were added to the water district.

BULK WATER AVAILABILITY:

The Town operates a water tank fill station at the Town Highway Department on Short Street. This is a coin operated "water-salesman". Currently rates for this bulk water are \$7.57 per 1000 Gallons, each quarter delivers 33 gallons.

NEED MORE INFORMATION?

The Town of York District operators are available weekdays between 7AM and 3:30PM by calling (585) 243-2092. They will be happy to answer any questions pertaining to your meter or meter service. Any billing questions should be directed to the York Water/Sewer Billing Clerk Bonnie Morris at (585) 243-3128, ext. 4 or Water Sewer/Clerk, Christine Harris at (585)243-3128, ext. 2. **The Annual Quality reports are also posted on the Town's website - www.yorkny.org**