



Your Partner for a Healthy Community

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DEC 30 2014

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December 24, 2014

Elizabeth Thomas, Supervisor  
Town of Ulysses  
10 Elm St.  
Trumansburg, NY 14886

Re: Ulysses Water District #3, 2014 Water System Sanitary Survey

Dear Supervisor Thomas:

A sanitary survey of the Ulysses public water system was conducted on December 16, 2016, with Fred Dean, Operator. The water storage tank and chlorination booster pump system were inspected. We appreciate Fred's diligence running this water distribution system. No new violations or deficiencies were observed.

Water Quality:

**Disinfection Byproducts:** Quarterly sampling is still required for TTHM and HAA5 since this year the maximum contaminant level (MCL) for TTHM of 80 ug/l (annual running average) has been exceeded for all four quarters of this year. The Revised Resolution #13.1.20 for exceeding the TTHM MCL was adopted by the Tompkins County Board of Health on July 1, 2014. All of the required actions have been complied with to date. The next deadline is to implement the TTHMs reduction system or effective operational changes before September 15, 2015. Please let us know in advance if you cannot meet this deadline.

Hunt Engineering has provided a hydraulic model of the Ulysses WD which evaluates the "age" of the water which relates to the formation of TTHMs. In addition, remediation options were looked at based on cost and effectiveness. Hunt Engineering recommended installing an aeration /mixer system in the Van Doren Road water tank as a method that could be implemented over a relatively short period of time (2015). However, the tank aeration and mixing may have limited success because the water may bypass the water tank /treatment system altogether during times of low use. The Town may want to investigate a long term solution through connecting to the Village of Trumansburg. Well water yields much lower disinfection byproducts than surface water. The yield and water quality of the new Trumansburg wells drilled at Taughannock Park point appear to be very promising. We encourage the Town to explore this possibility further.

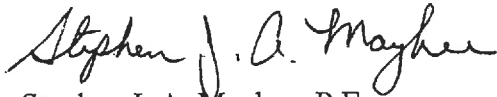
We appreciate all of the time the Town has devoted in trying to come up with a solution this difficult problem.

To date, quarterly Disinfection Byproducts (DBP) and monthly Microbiological samples have been received on time. Monthly operating reports have been received to date.

Other:

In November, the Town Board approved a contract between Southern Cayuga Lake Intermunicipal Water Commission (SCLWIC) and the Town to help with operations of the water system.  
Please call me if you have any comments or questions.

Sincerely,



Stephen J. A. Maybee, P.E.  
Public Health Engineer

Enclosure(s) – SDWIS Sanitary Survey Report, Water System Compliance Report

pc: Steven Kern, Senior Sanitarian

Fred Dean, Water Operator, 10 Elm St., Trumansburg, NY 14886

C. Elizabeth Cameron, P.E., Director of Environmental Health (electronic)

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