



**TOWN OF ULYSSES**  
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Town Supervisor (607) 387-5767, Ext 232 supervisor@ulysses.ny.us  
Town Clerk (607) 387-5767, Ext 221 clerk@ulysses.ny.us

**RESOLUTION 2014-200:**

**WATER DISTRICT-3 –DECISION ON REMEDIATION OF CHLORINATION BY-PRODUCTS**

WHEREAS it is a violation of Subpart 5-1.52 of the New York State Sanitary Code to exceed the Maximum Contaminant Level of 80 ug/l (micrograms/liter) of total trihalomethanes (TTHMs) in a municipal water system; and

WHEREAS the yearly average of water tests for total trihalomethanes at the designated testing location in Town of Ulysses Water District 3 has consistently exceeded the limit since August 2013; and

WHEREAS on June 27, 2014 the Tompkins County Board of Health passed a resolution ordering the Town of Ulysses to submit an engineering report and plan by January 15, 2015 indicating how the annual maximum contaminant level will be reduced to under 80 ug/l; and

WHEREAS this plan must be implemented and operational by September 15, 2015; and

WHEREAS Tim Steed, from Hunt Engineers, provided a model of the age of water in Water District 3 which relates to the level of TTHMs in the system, and analyzed the effectiveness and cost of many remediation options including:

1. Operational changes such as flushing, varying the water tank levels, and reducing the chlorine levels
2. Installation of a water tank mixer
3. Installation of a mixer/aerator for the water tank
4. Reducing the diameter of water mains
5. Adding charcoal filters either at each point of use or at the point of entry to the system
6. Connecting to the Village of Trumansburg well water supply
7. Modifying the tank inlet to increase the flow through the water tank including a new inlet pipe on Iradell Road or a separate inlet pipe on Van Dorn Road and

WHEREAS in Mr. Steed's conclusions he recommends the installation of a tank treatment (i.e. aerator/mixer) to address the immediate Board of Health violation,

WHEREAS Mr. Steed's model indicated that because the water district was overbuilt to provide the Village of Trumansburg with a second source of water, the water tank is by-passed altogether during times of low water usage, but he feels enough aerated water will enter the system to reduce the TTHMs to under the 80 ug/l threshold even in the most remote ends of the water system.

THEREFORE BE IT RESOLVED that the Ulysses Town Board authorizes the Town Supervisor, Water District Operator and Engineer for the Town to move forward on bids to find the most appropriate mixer/aerator system to install in the water tank on Van Dorn Road with the goal of reducing the overall TTHMs within the Ulysses Water District 3; and further

RESOLVED that the Town Supervisor, Water District Operator and Engineer for the Town will present the contract for the system to the Town Board for final approval.

Moved: Ms. Thomas

Seconded: Mr. Kerness

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| Ms. Thomas   | aye |
| Ms. Zahler   | aye |
| Mr. Hertzler | aye |
| Mr. Kerness  | aye |
| Mr. Goldman  | aye |

Vote: 5-0

Date Adopted: 11/25/14