

Nyack Water Department

Report of Progress through 2021 Quarter 4

The Nyack Village Water Supply's primary source of water, the Nyack Water Treatment Plant, has been impacted by PFOA and PFOS contamination. Unfortunately, the treatment systems that the Water Department has in-place are ineffective in removing these contaminants.

Actions Undertaken by the Department

The process for implementing treatment for per- and polyfluorinated compounds is not simple. We have been working closely with our health regulators to ensure that the treatment system selected will perform reliably and produce consistent results. Reflected below are the actions that have been taken since our last quarterly report:

- November 2021 (2021 Q4): Preliminary mechanical drawings have been prepared detailing the connection to the existing plan and the implementation of the new PFAS treatment system including new clear well, pumps, and four (4) granular activated carbon vessels.

Testing Results

Quarter 3 2021 testing indicated that the concentrations are below the MCL for PFOA and PFOS.

Nyack Village Water Treatment Plant Maximum Detections								
Contaminant	03/02/20	09/14/20	10/13/20	10/30/20	2/17/21	5/10/21	8/26/21	11/11/21
PFOA (ng/L)	9.98	9.95	13.00 ⁽¹⁾	9.4	7.2	6.8	7.7	7.9
PFOS (ng/L)	5.38	6.49	8.10	7.8	5.1	5.1	4.9	5.4

(1) Testing conducted on October 13, 2020, indicated that the Nyack Village Water Supply may have an MCL exceedance.

Next Steps

The Engineer will continue to work with the New York State and Rockland County Health Departments on finalizing approval of the Engineering Report. Upon this approval, the Engineer will proceed with detailed design in accordance with the project schedule. Delays to the schedule are anticipated due to an extended health department review period, and are discussed further in the project schedule.