

Nyack Water Department

Report of Progress through 2022 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:

- March 4, 2022 (2022 Q1): The New York State Department of Health (NYSDOH) approved the Engineering report for the construction of a treatment system to remove these contaminants from the Village of Nyack water supply.
- August 25, 2022 (2022 Q3): The New York State Department of Health (NYSDOH) has reviewed and approved a request for a deferral renewal for an MCL violation for PFOA and PFOS. The Deferral has been renewed until August 25, 2023.

Testing Results

Quarter 4 2022 testing indicated that the concentrations are below the MCL for PFOA and PFOS.

Nyack Village Water Treatment Plant Maximum Detections		
	PFOA (ng/L)	PFOS (ng/L)
03/02/2020	9.98	5.38
09/14/2020	9.95	6.49
10/13/2020	13.00 ⁽¹⁾	8.10
10/30/2020	9.4	7.8
02/17/2021	7.2	5.1
05/10/2021	6.8	5.1
08/26/2021	7.7	4.9
11/11/2021	7.9	5.4
02/27/2022	7.3	4.0
05/20/2022	10	6.8
08/29/2022	7.8	4.1
11/16/2022	8.3	6.4

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

Next Steps

With NYSDOH approval, the Engineer is now permitted to 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.