



ANDREW M. CUOMO
Governor

Department of Health

HOWARD A. ZUCKER, M.D., J.D.
Commissioner

SALLY DRESLIN, M.S., R.N.
Executive Deputy Commissioner

November 15, 2016

The Honorable David B. Borge
Village of Hoosick Falls
Municipal Building
24 Main Street
Hoosick Falls, NY 12090

Dear Mayor Borge:

On October 20, 2016, and November 3, 2016, the New York State Department of Health (NYSDOH) collected samples from the Village public water supply to evaluate the on-going effectiveness of the interim granular activated carbon (GAC) filtration system to remove perfluorooctanoic acid (PFOA).

The GAC system includes consecutive GAC filters to provide two layers of filtration. Every two weeks, NYSDOH collects and analyzes water sampling from five locations within the system: untreated water *before* the first GAC filter, partially-treated water after the first GAC filter, fully-treated water after the second GAC filter, and fully-treated water at two locations within the Village distribution system. The most recent round of sampling detected a very small amount of PFOA (2.08 and 2.39 ppt), well below the U.S. EPA Health Advisory of 70 parts per trillion (ppt), in the two partially-treated water samples just after the first GAC filter (Table 1). Most importantly, both the October 20, 2016, and the November 3, 2016, sampling results confirm that the GAC filtration system as a whole continues to remove PFOA and other perfluorinated chemicals (PFCs) to non-detect levels in the finished water.

Because the GAC system continues to effectively treat the Village public water to non-detect levels of PFOA and other PFCs, no actions need to be taken at this time to address the breakthrough in the first filter and we anticipate that the full capacity system will be fully operational before carbon change out is necessary. We will, however, enhance our monitoring schedule from bi-weekly to weekly sampling. Accompanying this letter are the data reports including an explanation of an anomaly with the October 20, 2016, sampling.

If you have any questions please feel free to contact me.

Sincerely,

Lloyd R Wilson, Ph.D.
Bureau of Water Supply Protection

Cc: R. Swider
R. Elder-Rensselaer County Health
M. Surdam –Town of Hoosick

Table 1: PFOA Results (parts per trillion) from NYSDOH's October 20, 2016 Water Sampling

| SAMPLE LOCATION | SAMPLE DATE | PFOA CONCENTRATION |
|--|-------------|--------------------|
| Pre GAC Filter (untreated water) | 10-20-2016 | 468 |
| GAC – Between Filters | 10-20-2016 | 2.77 |
| GAC Effluent (after both filters) | 10-20-2016 | <2 |
| 11 Water Works Road - DPW/Village Garage | 10-20-2016 | <2 |
| 24 Main Street - Village Hall | 10-20-2016 | <2 |
| 24 Main Street-Village Hall duplicate | 10-20-2016 | <2 |
| Laboratory Reagent Blank | 10-20-2016 | <2 |
| Field Reagent Blank | 10-20-2016 | <2 |

Table 1 continued: PFOA Results (parts per trillion) from NYSDOH's
November 3rd, 2016 Water Sampling

| SAMPLE LOCATION | SAMPLE DATE | PFOA CONCENTRATION |
|---|--------------------|---------------------------|
| Pre GAC Filter (untreated water) | 11-3-2016 | 514 |
| Pre GAC Filter (untreated water) duplicate | 11-3-2016 | 498 |
| GAC – Between Filters | 11-3-2016 | 2.08 |
| GAC –Between Filters duplicate | 11-3-2016 | 2.39 |
| GAC Effluent (after both filters) | 11-3-2016 | <2 |
| GAC Effluent (after both filters) duplicate | 11-3-2016 | <2 |
| 11 Water Works Road - DPW/Village Garage | 11-3-2016 | <2 |
| 24 Main Street - Village Hall | 11-3-2016 | <2 |
| Trip Blank | 11-3-2016 | <2 |

