



ANDREW M. CUOMO
Governor

Department of Health

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

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

August 3, 2016

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

Dear Mayor Borge:

On July 06, 2016 NYSDOH collected samples from the Village Public Water supply to evaluate the on-going effectiveness of the interim carbon filter to remove perfluorooctanoic acid (PFOA). This was an extra sampling event in response to the water treatment plant losing power. There was never any expectation that the power failure jeopardized the GAC treatment, but to provide added confidence we conducted this sampling event. Samples from between and after the two carbon filters, and one sample from one location within the distribution system were analyzed. The results from our laboratory show that the PFOA levels in these samples were below the reporting limit of 2 parts per trillion (ppt). A water sample from before the treatment system (untreated water) shows a PFOA level of 423 ppt.

The purpose of our sampling is to analyze for PFOA and/or PFOS. The standard battery of testing for PFOA and PFOS, as per U.S. EPA Method 537, includes four additional Perfluorinated Chemicals (PFCs): perfluorobutanesulfonic (PFBS), perfluorohexanesulfonic (PFHxS), perfluoroheptanoic acid (PFHpA), perfluoronoanoic acid (PFNA). These other PFCs may have been detected at very low concentrations—EPA has not established health advisories for these chemicals. All six PFCs are effectively removed from drinking water by granular activated carbon filtration systems.

In summary, the results show that the GAC filters are effectively and consistently removing PFOA and other PFCs from the water, and that the PFOA levels at locations in the Village distribution system are non-detectable.

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

PFOA Results (parts per trillion) from NYSDOH's July 6, 2016 Water Sampling

SAMPLE LOCATION	SAMPLE DATE	PFOA CONCENTRATION
Pre GAC Filter (untreated water)	7/06/2016	423
GAC – Between Filters	7/06/2016	<2
GAC Effluent (after both filters)	7/06/2016	<2
24 Main Street - Village Hall	7/06/2016	<2
Trip Blank	7/06/2016	<2

