



Department of Health

ANDREW M. CUOMO
Governor

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

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

February 12, 2018

The Honorable Rob Allen
Village of Hoosick Falls
Municipal Building
24 Main Street
Hoosick Falls, NY 12090

Dear Mayor Allen:

On February 9, 2018 the New York state Department of Health collected samples from the Village Public Water System to evaluate the on-going effectiveness of the full capacity carbon filters to remove perfluorooctanoic acid (PFOA) and other perfluorinated compounds (PFCs). This sampling was done as follow-up to our January 18, 2018 sampling and focused on our expanded list of PFCs other than GenX and related compounds. GenX and related compounds were not found in any of the January 18 samples including samples from monitoring wells and so were not included in the analysis this time allowing for a quicker response. The results for the 16 PFCs tested as listed at the end of this letter are consistent between the two sampling events, and the results show that the carbon units are removing PFOA and all the other PFCs tested to non-detect levels in the finished water.

Consistent with past sampling events, several different PFCs were found in the untreated drinking water. As with our January sampling, PFBA was found after the first carbon unit at levels just above 5 parts per trillion. The finished water samples which were collected after both carbon filters showed no PFBA. In this sampling event we also detected one other PFC (PFPeA) in one of the two samples collected between the two carbon units at a level of 2.06 ppt. The other sample showed non-detect levels.

In summary, the results show that the GAC filters are effectively and consistently removing PFOA and other PFCs to non-detect levels in the finished drinking water being served to the community.

If you have any questions please feel free to contact me at (518) 402-7650.

Sincerely,

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

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

List 1: PFCs tested for in the February 9, 2018 Samples

Perfluorobutanoic acid (PFBA)
Perfluoropentanoic acid (PFPeA)
Perfluorohexanoic acid (PFHxA)
Perfluoroheptanoic acid (PFHpA)
Perfluorooctanoic acid (PFOA)
Perfluorononanoic acid (PFNA)
Perfluorodecanoic acid (PFDA)
Perfluoroundecanoic acid (PFUnA)
Perfluorododecanoic acid (PFDoA)
Perfluoropropanesulfonic acid (PFPrS)
Perfluorobutanesulfonic acid (PFBS)
Perfluoropentanesulfonic acid (PFPeS)
Perfluorohexanesulfonic acid (PFHxS)
Perfluoroheptanesulfonic acid (PFHpS)
Perfluorooctanesulfonic acid (PFOS)
Perfluorooctanesulfonamide (PFOSA)

NYSDOH Sampling February 9, 2018 (all results in parts per trillion) .

	Sample Location	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUnA	PFDoA	PFPrS	PFBS
Hoosick Falls Public Water Supply	GAC UNIT INFLUENT Raw 1	5.46	3.86	12.8	12.6	483	*ND	ND	ND	ND	ND	ND
	GAC Unit Influent	ND	3.04	12.07	11.8	496	ND	ND	ND	ND	ND	ND
	GAC UNIT MIDPOINT Middle 1	6.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	GAC UNIT MIDPOINT DUPLICATE Middle 2	6.64	2.06	ND	ND	ND	ND	ND	ND	ND	ND	ND
	GAC UNIT EFFLUENT Finished 1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	GAC Unit Effluent Duplicate Finished 2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

	Sample Location	PFPeS	PFHxS	PFHpS	PFOS	PFOSA	GenX	DONA	PFECA A	PFECA F	PFECA G
Hoosick Falls Public Water Supply	GAC UNIT INFLUENT Raw 1	ND	ND	ND	ND	ND	NA**	NA	NA	NA	NA
	GAC Unit Influent	ND	ND	ND	1.99	ND	NA	NA	NA	NA	NA
	GAC UNIT MIDPOINT Middle 1	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
	GAC UNIT MIDPOINT DUPLICATE Middle 2	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
	GAC UNIT EFFLUENT Finished 1	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
	GAC Unit Effluent Duplicate Finished 2	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA

*ND means that the result was below the reporting limit provided in the laboratory analysis. For specific reporting limits see the corresponding laboratory report

**NA means not analyzed