



February 8, 2018

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

Dear Mayor Allen:

On January 18, 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). Another purpose of this sampling event was to use an expanded laboratory analysis to look for 20 other PFCs at the public water system and in 4 monitoring wells associated with the Saint -Gobain facility on McCaffrey Street. This list included the 4 carbon PFCs PFBA and PFBS, and GenX. The results show that the carbon filters are removing PFOA and all the other 20 PFCs tested to non-detect levels in the finished water. The complete list of PFCs tested is provided in List 1.

Consistent with past sampling events, several different PFCs were found in the untreated drinking water and in the monitoring wells. The monitoring well results are consistently higher than the untreated water from the public water system. Also, PFBA although not found in the untreated water, was found after the first carbon unit in two samples at 5.53 and 6.01 parts per trillion. The finished water sample which is collected after the second carbon unit showed no PFBA.

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. The laboratory reports for all the samples from this event are in the attachment.

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 January 18, 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)

2, 3, 3, 3 - tetrafluoro-2-(1, 1, 2, 2, 3, 3, 3-heptafluoro propoxy)-propanoic acid (CASRN 3252-13-6) GenX
Dodecafluoro-3H-4, 8-dioxanonanoate (CASRN 958445-44-8)
Perfluoro (4-oxapentanoic) acid (CASRN 863090-89-5)
Perfluoro (3-oxabutanoic) acid (CASRN 377-73-1)
Perfluoro (5-oxa-6-dimethylhexanoic) acid (CASRN 801212-59-9)