NEW YORK STATE OF OPPORTUNITY. Department of Health

ANDREW M. CUOMO
Governor

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

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

January 7, 2016

The Honorable David Borge
Mayor, Village of Hoosick Falls
24 Main Street
Hoosick Falls, NY 12090

Re: PWSID #NY4100041
Temporary GAC Treatment
(V) Hoosick Falls, Rensselaer County

Dear Mayor Borge:

We have reviewed the December 31, 2015 Basis of Design Report and supporting information, provided by C.T. Male Associates, for the proposed temporary Granular Activated Carbon (GAC) treatment system at the Village's water treatment plant site. We hereby endorse the use of the proposed Calgon Model 10-40 Modular GAC unit, as described in the referenced report, as a temporary treatment process for PFOA removal until a permanent process is installed.

This endorsement is subject to the following conditions, which were satisfactorily addressed by the consulting engineers in a teleconference on January 6, 2016:

1. That the impellers in the existing high lift clearwell pumps will be replaced with the larger 8.13-inch impellers.

2. That, if chlorine feed at the existing treatment plant is decreased, calculations shall be provided by the engineer showing that adequate CT is maintained before the first customer.

3. That a reduction in plant capacity (to 0.5-MGD) is expected during use of the temporary GAC unit. As such, the Village may want to consider implementing water restrictions during the temporary GAC unit use period.

4. That adequate pressures will be maintained throughout the distribution system during the temporary GAC unit use period.

5. That the effects of the existing phosphate addition location on the proposed GAC treatment will be evaluated and addressed appropriately.

Further comments on the referenced basis of design report will be forwarded to the engineer shortly for incorporation into the final report. We look forward to working with you to complete this project to remove PFOA from your water supply while maintaining compliance with all of the other water quality standards in Sub-Part 5-1 of the State Sanitary Code. Please contact me at david.phillips@health.ny.gov or (518) 402-7650 with any questions.

Sincerely,

David S. Phillips, P.E.
Public Health Engineer 2
Bureau of Water Supply Protection

cc: R. Sokol / T. Boepple-Swider
L. Wilson
R. Swider / T. Vickerson
R. Elder - Rensselaer County DOH
D. Reilly - C.T. Male Associates