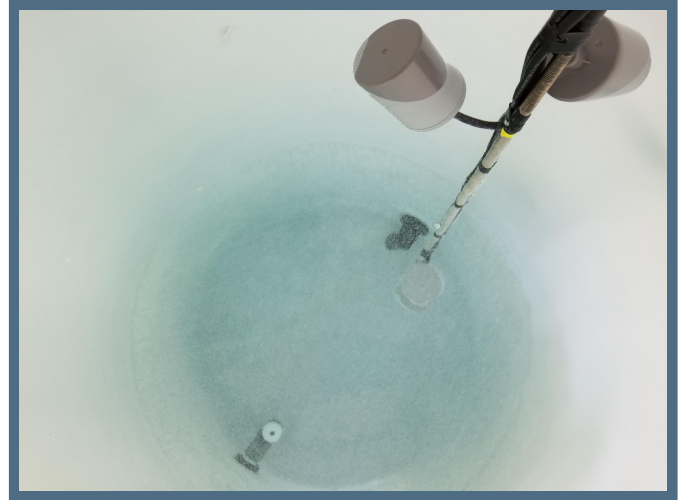


Bonne Val - Water Treatment System



Before



After

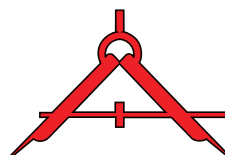
Bonne Val is a small subdivision of 23 residential properties, located in the Town of Great Valley, New York. The subdivision is serviced by a public water system, consisting of two potable water wells, with a history of high concentrations of iron and manganese in the raw water.

This project included the design and installation of a new potable water treatment system for Bonne Val, to replace the existing treatment system and improve the finished water quality. The new potable water treatment system was designed with water filters containing manganese dioxide coated filter media. This media is reactive with both iron and manganese, aiding in oxidation while filtering out the oxidized particulates from the water.

After the installation of the new treatment system, the water quality improved dramatically for the end users, who had been experiencing "dirty" water for several years. The new system has simplified operational procedures and has reduced the number of treatment chemicals needed to maintain water quality, saving the Town on operational costs.



Location: Great Valley, NY
Project Budget: \$ 56,000
Completion: December 2019



MDA ENGINEERS

Since 1982