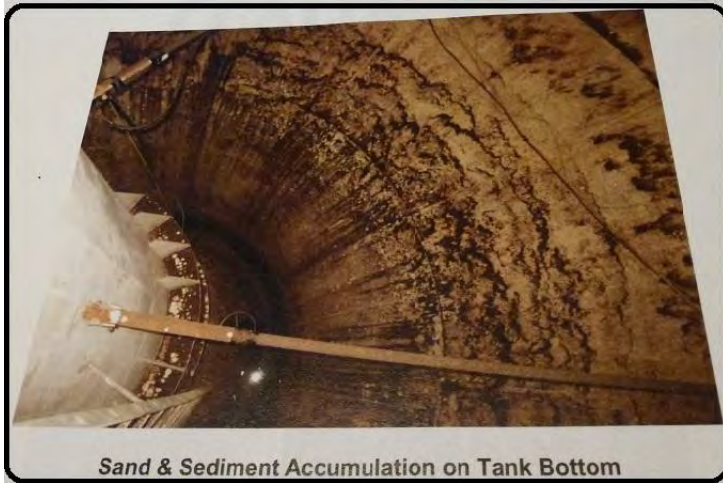


From The Aqua Smart Inc. Files

GRADUAL SCALE REMOVAL WITH SEAQUEST

Case # 100 – Manheim Borough Authority, PA – 2010
(Total Hardness 294 PPM, Fe 0.02, Mn 0.00, 0.936 GPD)

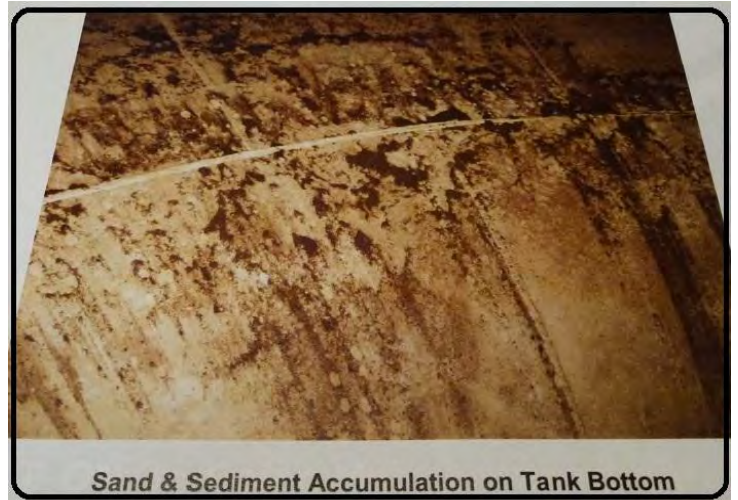
The Manheim, PA Main Water Tower holds 500,000 Gallons of Treated Water



Sand & Sediment Accumulation on Tank Bottom

The Manheim Borough Authority Water Tower (Picture on the Left) was inspected in October, 2009. The issue was to remove the calcium scale and iron precipitation and other sedimentation that was present on the walls and at the bottom of the Borough's Main Water Tower. A Tank Cleaning Company technician told the Borough Authority that the removal of their serious scale and sedimentation buildup over the many years would be a very intense, complex and costly procedure which would involve a considerable amount of labor and expense.

In February, 2010, after years of using only Chlorine and Fluoride, the Borough of Manheim began using SeaQuest at a Treatment Rate of 1.64 PPM. **After using SeaQuest for about 6 months, the Borough Authority noticed many improvements including a system wide reduction of scale in their pipes and a 22% decrease of chlorine usage while maintaining a consistent chlorine residual of 0.7 throughout their system.** They drained their Tank in October, 2010 and in November brought in the Water Tank Cleaning Company to begin the difficult task of removing the scale and sedimentation buildup as originally planned. The technician looked inside their Water Tank and wanted to know what did the Manheim Borough Authority do to the Water Tank?



Sand & Sediment Accumulation on Tank Bottom

After using SeaQuest for only 6 months, **there was no new scale precipitation and a gradual softening of the scale build up.** The water quality notably improved in a way that no other phosphate product would be able to achieve. The years of scale and sedimentation build up in the Water Tower eventually created an expensive and complex problem for the Manheim Borough Authority. However, using SeaQuest for only 6 months now allowed a much less expensive method of scale removal in the Water Tower. The Tank Cleaning Company could now remove the scale and sedimentation build up in a very different as planned manner, using a quick and less costly method.

The Water Tower was cleaned out with a simple wash down using only a High Pressure Power Hose!

This quick and easy scale removal saved the Manheim Borough Authority thousands of dollars.



After Wash Out