



T195 MEGA BUGS PLUS™

LOCATION

Sebeka, MN

POND

Primary Aeration Pond

PROJECT DETAIL

The City of Sebeka had to fix the piping and influent structures going into their primary aeration pond. They had MRWA come out and do a sludge judge to determine how much sludge was present. They found about 7 feet of sludge buildup. Because of the 7 feet of sludge, they had to contact a company to remove some of the sludge so they could get to the structures to fix them.

They went on an aggressive T195 Mega Bugs Plus™ Sludge Reduction Program to see if this would reduce the amount of sludge that needed to be pumped.

After 3 months they were amazed at the reduction of sludge - it was down about 4 feet (about a 60% reduction). The city did not have to land apply solids offsite, which was a huge cost savings. They were able to pump the slurry into the primary pond and repair piping with very little pumping of solids.



SLUDGE JUDGING



POND BEFORE BUG PROGRAM



POND AFTER AGGRESSIVE BUG PROGRAM



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