

# City of Belgrade Successful Sludge Reduction Program with T195 Mega Bugs Plus

Belgrade, MN

## Primary Pond

2012 Average Sludge



2014 Average Sludge



- \* Primary Pond - 9 acres
- \* Operation Depth - 6'
- \* Pond Capacity - 17,600,000 gallons
- \* Reduced Sludge - 15"
- \* Approximately 3,675,000 gallons of sludge removed
- \* Increased retention/treatment by 66 days
- \* Increased pond capacity by 21%
- \* Saving the City approximately **\$400,000** in sludge removal costs. (Based on \$0.11 per gallon to remove mechanically.)

75% Reduction in Sludge Depth Since 2012