

City of Baudette Successful Sludge Reduction Program with T195 Mega Bugs Plus

Baudette, MN

Primary Pond #1

2009 Average Sludge



2012 Average Sludge



2018 Average Sludge



- * Primary Pond 1 - 24 acres
- * Operation Depth - 6'
- * Pond Capacity - 47,000,000 gallons
- * Reduced Sludge - 8"
- * Approximately 5,222,222 gallons of sludge removed
- * Increased retention/treatment by 50 days
- * Increased pond capacity by 12%
- * Saving the City approximately **\$575,000** in sludge removal costs. (Based on \$0.11 per gallon to remove mechanically.)

51.5% Reduction in Sludge Depth Since 2009

City of Baudette Successful Sludge Reduction Program with T195 Mega Bugs Plus

Baudette, MN

Primary Pond #2

2009 Average Sludge



2012 Average Sludge



2018 Average Sludge



- * Primary Pond 1 - 1 acres
- * Operation Depth - 12'
- * Pond Capacity - 3,900,000 gallons
- * Average Daily Flow - 40,000 gpd
- * Reduced Sludge - 8"/77%
- * Approximately 760,000 gallons of sludge removed
- * Increased retention/treatment by 19 days
- * Saving the City approximately **\$575,000** in sludge removal costs. (Based on \$0.11 per gallon to remove mechanically.)

57% Reduction in Sludge Depth Since 2009