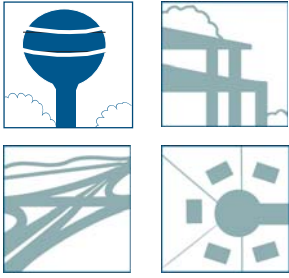


# STEWARTVILLE WASTEWATER TREATMENT PLANT



Initial discussions concerning the need for a new plant grew out of city expansion and was spurred along by tougher effluent standards set by the Clean Water Act. The project covered three phases, beginning with the completion of the Step One Feasibility Study. Construction of the plant began only four months after the MPCA gave the city final approval to move ahead with the project. State and federal grants, totaling over \$2.8 million, funded the majority of the project. The city sold \$875,000 in general obligation bonds to finance its remaining share. The new plant is designed to serve the community for the next 20 years, with a built-in reserve capacity capable of serving a population of 9,300. Large tanks and oxidation ditches are the most imposing structures in the system which took 2,200 yards of concrete to construct. Treatment times will vary by type of waste treated, but the majority of waste (98 percent) is water, and that can be treated and discharged within 36 hours. Solids will be treated for about two weeks, stored and then eventually spread as sludge.

**Client:**

City of Stewartville

**Location:**

Stewartville, MN

**Services Provided:**

- Feasibility Reports
- Preliminary and Final Design
- Construction Administration
- Financial Planning and Grants

Yaggy Colby Associates provided engineering services for the project from inception through construction. The firm is proud to have been a part of this \$3.78 million significant project which enables the City of Stewartville to continue an aggressive growth pattern.

