

BLISS WASTEWATER SYSTEM IMPROVEMENTS



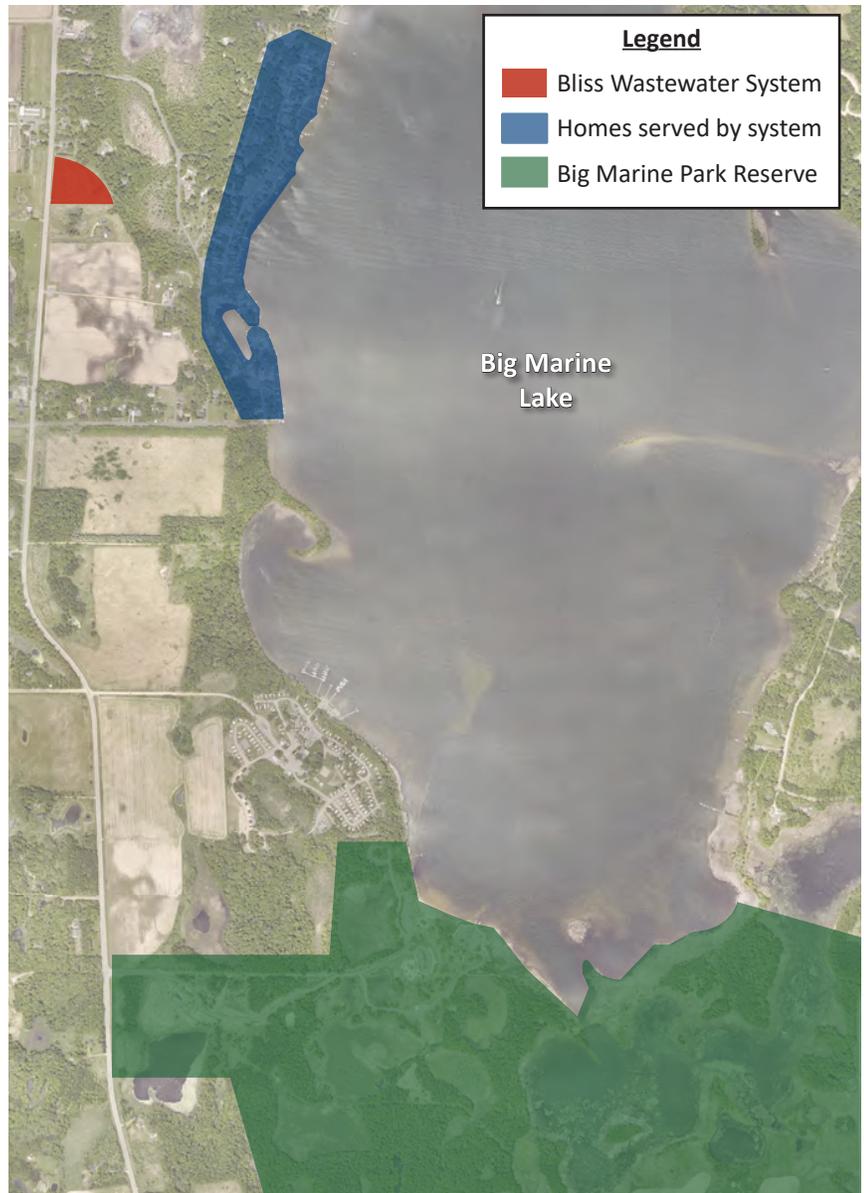
PROJECT OVERVIEW

The Bliss Wastewater System is an underground sewage treatment system that serves approximately 79 homes on the west side of Big Marine Lake in the City of Scandia. The system ensures that all wastewater from these homes is treated properly before being released back into the environment. This prevents pollutants from entering bodies of water, such as Big Marine Lake, which protects aquatic wildlife and habitats, as well as drinking water.

WHY DOES THE SYSTEM NEED TO BE IMPROVED?

Minnesota wastewater systems must comply with permits set by the Minnesota Pollution Control Agency (MPCA) in order to satisfy national environmental regulations. The permit program that the Bliss Wastewater System is permitted through re-issued permits every five years, sometimes with alterations.

When the Bliss Wastewater System was constructed, the permit did not require the system to remove nutrients such as nitrogen and phosphorous from the wastewater. Now, the upcoming permit cycle has a new requirement that puts a limit on the amount of nitrogen allowed. In order to meet this new requirement, additional treatment infrastructure must be added to the system.



WHY IS FUNDING IMPORTANT FOR THE SUCCESS OF THIS PROJECT?

To comply with the new permit requirement, the Bliss Wastewater System will need significant improvements including additional tankage, pumps, and treatment upgrades. In total, these improvements are estimated to cost \$1.6M. **Without financial assistance, this would increase resident user rates by \$32/month annually for five years.** However, if these changes are not made, the City of Scandia will face fines for failing to meet the permit requirements.

\$1.6 MILLION TO ENSURE LOWER RATES FOR RESIDENTS



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