



9530 Laketown Road
Chaska, MN 55318
952-442-5278

SUMMARY

Forty plus years ago, Laketown Township had anticipated being annexed into the cities of Chaska, Victoria and Waconia within 20 years. Those annexations would have transitioned these wastewater systems to the city systems. However, due to economic and other influences, those annexations did not occur - nor are they scheduled to happen anytime soon. Now the township is faced with making these necessary improvements.

Per the 2020 Census, the number of households in Laketown Township was 594. However, there are only 209 (35%) households on our 201 systems. The other 65% have private septic systems which are not in question here.

As part of our responsibility to transition our 201 systems to sanitary sewer in coordination with the Metropolitan Council, we hired Bolton & Menk to conduct a feasibility study to include estimates for each system. The resulting Facility Plan (October 2023) estimated the cost of the project at \$21.4 million. However, due to delays in funding, the updated cost is estimated at \$25.4 million. However, we have broken this project into two phases: Phase One (Areas 6B, 6F, 6D-3 and 6D-4) will occur first, with Phase Two (areas 6E So, 6E No and 6E-2) occurring the following year.

Laketown Township's funding goals for Phase One are as follows:

\$ 12,394,209	Cost of Project
\$ 6,400,000	State bonding
\$ 2,848,000	Household contribution
\$ 1,000,000	Carver County
\$ 2,000,000	Federal Assistance pending grant approval
\$ 146,209	Township Contribution

We stress the necessity of transitioning from our outdated 201 wastewater systems to a fully functional sanitary sewer system for the following reasons:

1. The life expectancy of these systems when they were installed (1982-1984) was 20 years. At 40+ years old, this means our systems are out of date by 2 life cycles.
2. Laketown Township, as the name implies, has many lakes that are in jeopardy should these systems fail. Specifically, the 201 system exists along the shores of Reitz Lake, Peirson Lake and Lake Bavaria – including a current sewage pipe in use across the bottom of Reitz Lake, flowing south to north. These lakes are frequented by citizens from all over the region who come to swim, boat and fish. Further, these lakes all connect to watersheds that eventually end in one of our rivers.
3. Without significant state investment, the project will not be feasible as it would be unreasonable to assess property owners (on these 201 systems) \$139,000 plus per property.
4. The PVC pipe used in the 1980's was schedule 30. The most current standard is schedule 43.



Schedule 30 - white
0.125" thick and 4" wide.

Schedule 43 - green
0.332" thick and 8" wide

*Almost 3 times the thickness and double the width