

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

SUMMARY

Forty plus years ago, Laketown Township 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 system. The other 65% have private septic systems which are not in question here.

As we look to transition the 201 systems to the local city sewers in coordination with the MET Council, we hired Bolton & Menk to conduct a feasibility study to include estimates to replace each system. Bolton & Menk's resulting facilities plan estimates the cost of the project at \$21.4M.

Laketown Townships funding goals are as follows:

\$ 21,400,000	Cost of system
\$ 11,000,000	State bonding
\$ 7,000,000	Household/Township contribution
\$ 1,100,000	Carver County
<hr/>	
\$ 2,300,000	Federal Assistance pending grant approval

We stress the necessity of transitioning from our outdated 201 wastewater systems to a fully functional sanitary sewer system for the following reasons: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 201 systems was 20 years – we are double that. These 201 systems were installed between 1982-1984, they are 40+ years old. That means this system is out of date by 2 life cycles.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. The 201 system exists along the shores of Reitz Lake, Peirson Lake and Lake Bavaria – including the current sewage pipe 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 connected to watersheds that eventually end in one of our rivers, etc.
3. Without significant partner investments, the project will not be feasible. It would be unreasonable to assess property owners on the system over \$100,000 per household.
4. The PVC pipe used on these systems in the 1980's was schedule 30. The current standard is schedule 43.

See photo on next page

Schedule 30 (white in photo)
0.125" thick and 4" wide.

Schedule 43 (green in photo)
0.332" thick and 8" wide

*Schedule 43 is almost 3 times the thickness and double the width



BOARD OF COUNTY COMMISSIONERS CARVER COUNTY, MINNESOTA

DATE October 17, 2023 RESOLUTION NO. _____
 MOTION BY COMMISSIONER _____ SECONDED BY COMMISSIONER _____

Resolution to Support the Laketown Township State Bonding Request for the "201" System Feasibility Study

Whereas, in 1983, a "201 Grant" from the Federal Government Clean Water Act was received to install a sewer system utilizing a series of mounds, sand filters and grey water sewage collector systems to improve and protect the water quality of Lake Bavaria, Pierson Lake and Reitz Lake; and

Whereas, the life of the systems was expected to be about 20-years;

Whereas, it was anticipated that these Township properties would have been annexed into cities and the sewer systems would have been upgraded through development and growth;

Whereas, the 201 greywater treatment system is not a feasible long term solution to providing wastewater treatment to these future urban properties and to protecting the adjacent lakes,

Whereas, these 201 sewer systems are now outdated and are becoming difficult to maintain, and Laketown Township is seeking a collaborative effort to provide sanitary sewer to the 201 areas;

Whereas, Laketown Township completed a wastewater system study in June 2023 to determine how best to replace the 201 systems with sanitary sewer; and

Whereas, Laketown Township is recommending options to replace the 201 systems estimated to cost \$21.4 million and is requesting partial funds be appropriated for the project in the upcoming State bonding bill.

Now, Therefore, Be It Resolved, the Carver County Board of Commissioners supports Laketown Townships state bonding request of \$11.0 million to assist in funding the replacement of the "201" sewer system.

YES	ABSENT	NO
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

**STATE OF MINNESOTA
COUNTY OF CARVER**

I, David Hemze, duly appointed and qualified County Administrator of the County of Carver, State of Minnesota, do hereby certify that I have compared the foregoing copy of this resolution with the original minutes of the proceedings of the Board of County Commissioners, Carver County, Minnesota, at its session held on the 17th day of October, now on file in the Administration office, and have found the same to be a true and correct copy thereof.

Dated this 17th day of October, 2023.

David Hemze
County Administrator

**CITY OF CHASKA
CARVER COUNTY, MINNESOTA**

RESOLUTION

DATE 11/6/2023 RESOLUTION NO. 2023-89

MOTION BY COUNCILMEMBER Hatfield SECOND BY COUNCILMEMBER Huang

**A Resolution to Support the Laketown Township State Bonding Request for the
"201" System Replacement**

WHEREAS, in 1983, a "201 Grant" from the Federal Government Clean Water Act was received to install a sewer system utilizing a series of mounds, sand filters and grey water sewage collector systems to improve and protect the water quality of Lake Bavaria, Pierson Lake and Reitz Lake; and

WHEREAS, the life of the systems was expected to be about 20-years;

WHEREAS, it was anticipated that these Township properties would have been annexed into cities and sewer systems would have been upgraded through development and growth;

WHEREAS, the 201 greywater treatment system is not a feasible long term solution to providing wastewater treatment to these future urban properties and to protecting the adjacent lakes,

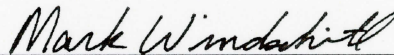
WHEREAS, these 201 sewer systems are now outdated and are becoming difficult to maintain, and Laketown Township is seeking a collaborative effort to provide sanitary sewer to the 201 areas;

WHEREAS, Laketown Township completed a wastewater system study in June 2023 to determine how best to replace the 201 systems with sanitary sewer;

WHEREAS, Laketown Township is recommending options to replace the 201 systems estimated to cost \$21.4 million and is requesting partial funds be appropriated for the project in the upcoming State bonding bill.

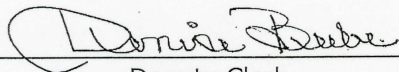
NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Chaska, Minnesota supports Laketown Township's state bonding request of \$11.0 million to assist in funding the replacement of the "201" sewer system.

Passed and adopted by the City Council of the City of Chaska, Minnesota, this 6th day of November 2023.



Mark Windschitl, Mayor

Attest



Deputy Clerk



Resolution No. 2023-74

*Moved by Roberts
Seconded by Gunderson*

A RESOLUTION SUPPORTING LAKETOWN TOWNSHIP'S STATE BONDING REQUEST FOR REPLACEMENT OF "201" SYSTEM

WHEREAS, in 1983, a "201 Grant" from the Federal Government Clean Water Act was received to install a sewer system utilizing a series of mounds, sand filters and grey water sewage collector systems to improve and protect the water quality of Lake Bavaria, Pierson Lake and Reitz Lake; and

WHEREAS, the life of the systems was expected to be about 20-years; and

WHEREAS, it was anticipated that these Township properties would have been annexed into cities and the sewer systems would have been upgraded through development and growth; and

WHEREAS, the "201" greywater treatment system is not a feasible long term solution to providing wastewater treatment to these future urban properties and to protecting the adjacent lakes; and

WHEREAS, these "201" sewer systems are now outdated and are becoming difficult to maintain, and Laketown Township is seeking a collaborative effort to provide sanitary sewer to the 201 areas; and

Whereas, Laketown Township completed a wastewater system study in June 2023 to determine how best to replace the 201 systems with sanitary sewer; and

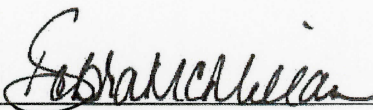
WHEREAS, Laketown Township is recommending options to replace the "201" systems estimated to cost \$21.4 million and is requesting partial funds be appropriated for the project in the upcoming State bonding bill;

NOW, THEREFORE, BE IT RESOLVED the City of Victoria supports Laketown Townships state bonding request of \$11.0 million to assist in funding the replacement of the "201" sewer system.

RESULT: Motion carried unanimously 5-0

Ayes: Mayor McMillan, Council Member Evansky, Council Member Gunderson, Council Member Reiff and Council Member Roberts

This Resolution is adopted by the City of Victoria and approved by the Mayor this 13 day of November 2023


Debra McMillan, Mayor

ATTEST:



City of Waconia

January 2, 2024

Leanne Kunze
Laketown Township
9530 Laketown Road
Chaska, MN 55318

Ms. Kunze

The City of Waconia recognizes that the aging sanitary sewer collection and treatment systems installed within Laketown Township have outgrown their useful life and do not offer a feasible long-term solution to provide wastewater treatment, collection, and protection of water quality to Reitz Lake.

The systems in this area had been anticipated to be replaced as the growth of Waconia reached these areas prior to them reaching the end of their useful life and the city has supported past planning efforts by the township to remedy to long-term viability of these systems. The most recent feasibility study completed in July of 2023 identifies estimated costs of \$21.4 million to remedy all the substandard systems within the township. The City of Waconia supports the bonding request of Laketown Township for \$11 million to assist in the replacement of the "201" sewer system.

If successful in obtaining the requested funds the City of Waconia would require that the options presented in the feasibility study to serve areas 6B and 6F be built to the scope presented in Option 2 for both areas. All inflow and infiltration shall be remedied, which is critical to the health and sustainability of the municipal system.

The city finds the protection of Reitz Lake consistent with our Land Use Goals for the growth of the community, we also understand the amount of investment and continued maintenance required for the utility services to our citizens. Committing to allow the properties identified in this bonding request to connect to, and or pump to, our existing sewage system may relieve some short-term concerns for the township properties but may cause additional pressures on our existing systems.

Any consideration of allowing such a connection should be accompanied by an agreement for maintenance and billing as well as eventual annexation, connection to city water services, and the upgrading of other services such as stormwater, transportation, etc. to ensure the existing local citizenship is not in any way paying for the upgrade of required services for these properties at a later date.

Mayor Nicole Waldron

City Hall
201 South Vine Street
Waconia, MN 55387
952-442-2184

Public Services
310 10th Street East
Waconia, MN 55387
952-442-2615

Fire Station
26 Maple Street South
Waconia, MN 55387
952-442-2316

Safari Island Community Center
1600 Community Drive
Waconia, MN 55387
952-442-0695

Ice Arena
1250 Oak Avenue
Waconia, MN 55387
952-442-RINK (7465)