



SMALL Community BIG Infrastructure Needs



Source Water

Not only is the City facing challenges with accessibility of water supply, the available source water consists of extremely high levels of iron and manganese.



System Resiliency

Located adjacent to Lake Minnetonka and containing several lakes and wetlands of their own, the City faces significant hydraulic challenges. Updates to the transmission system are needed to ensure a resilient system and to minimize major impacts from critical failures.



Long-Range Population Forecasting

The population may be small but the geographic area is large. The population density targets set by Metropolitan Council far exceed the infrastructure and financial capacity of the City currently.



Water Rate Equity

As the City works to implement infrastructure improvements, funding is critical in order to keep water rates affordable for population diversification in the City.

PROACTIVE PLANNING TO DATE:

The City of Minnetrista has proactively invested in making sure these future investments best **meet the requirements of both current residents and position the City to meet it's future infrastructure needs.**

To date the following leg work has been completed:



Hydrogeologic Well Study

Modeling potential capacities for Wells 8 & 9 to meet increasing demands.



Basis of Planning

Drinking water demand projections based on Met Council's long-range forecasting.



Water Supply Planning

Evaluating water supply deficiencies to determine future water supply needs.



Distribution System Development

Distribution infrastructure planning to create a more robust and resilient system.

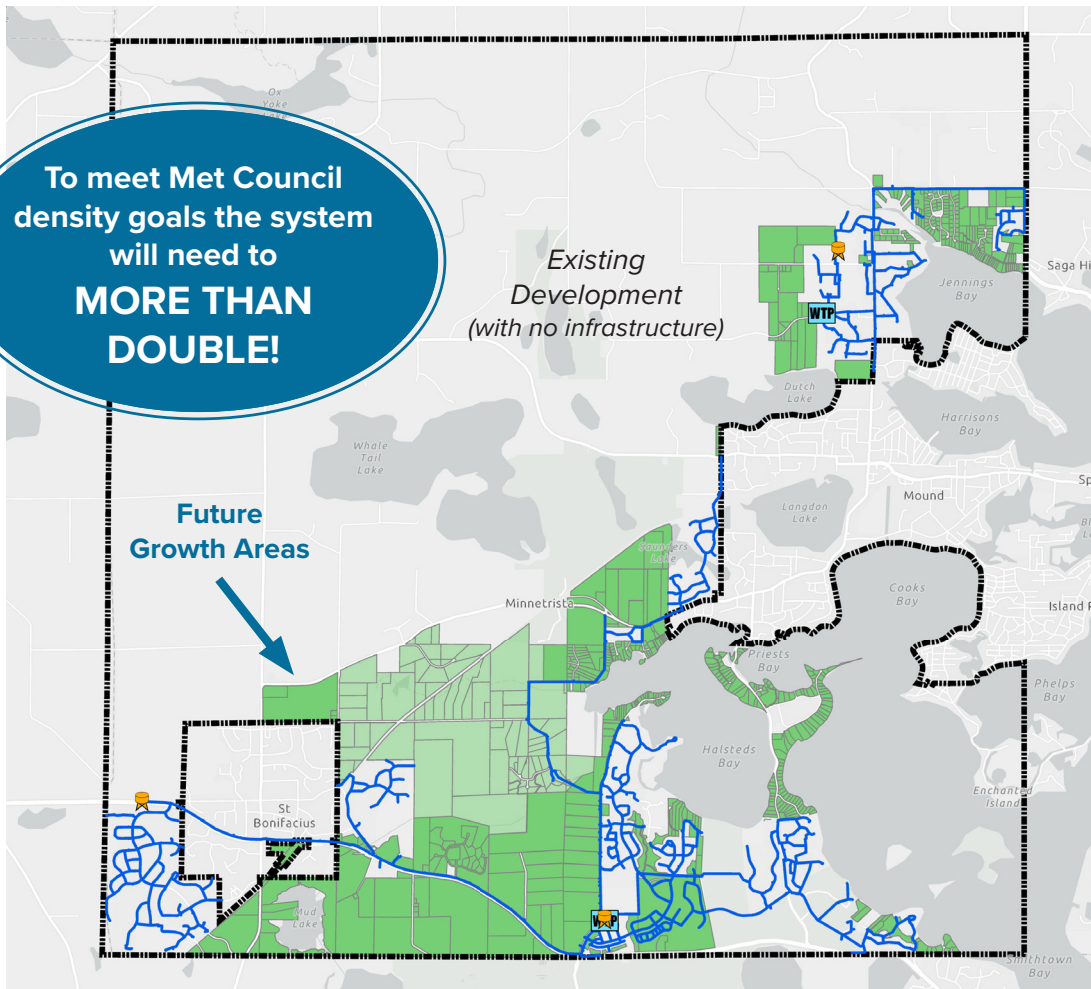


Water Treatment Planning

Determining treatment needs and a preliminary siting for future water treatment facilities.



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- Future Growth Areas
- Existing Water System

NEED: Infrastructure to Increase Water System Resiliency

- + Looping trunk watermain
- + Storage for fireflow protection in central part of water system
- + New water supply wells to meet increased peak day demands
- + Treatment for future wells

FUNDING REQUEST

These are big steps for the City! The City of Minnetrista is working to put together a plan to increase their water system resiliency into the future.



\$26.75M Near-term

+\$10M (every 10 years) for continued infrastructure needs.



MINNETRISTA
MINNESOTA

For More Information:

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