

The Burnsville Water Treatment Plant, originally built in 1976 with investment from the State of Minnesota, supplies clean and safe drinking water to residents of Burnsville and Savage. After nearly 50 years, the aging facility is in dire need of rehabilitation.

The City is asking the State to invest capital bonding dollars to help make several important and necessary improvements. These improvements will ensure long-term sustainability and a clean, safe and resilient water supply system for Burnsville and Savage for years to come.

## IMPROVEMENTS



Implementing state-of-the art surface water treatment technologies and processes to produce clean, fresh and odorless water; reduce the environmental footprint of water consumption; and protect natural resources and ecosystems



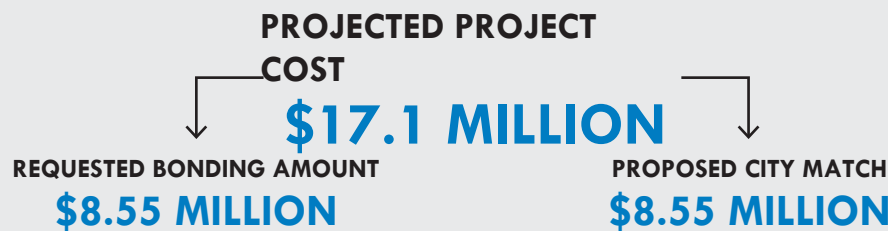
Implementing advanced water treatment techniques such as ion exchange and membrane filtration to remove Radium and other contaminants



Replacing major water lines to reduce leaks, improve pressure management and enhance performance



Replacing electrical infrastructure to ensure a reliable and efficient water supply



### 2028 COMPLETION DATE GOAL

Lead time challenges are considered in this timeline, but procurement delays may affect the project schedule.



## Why Invest?

The State's investment in the Burnsville Water Treatment Plant rehabilitation is important for many reasons:



**Public Health and Safety:** Ensures access to water free from contaminants, which can improve physical and mental well-being, reduce the burden of health care costs and foster social cohesion and trust



**Regulatory Compliance:** Ensures compliance with state and federal water quality regulations



**Environmental Protection:** Removes pollutants and other harmful substances and reduces the chances of contamination from infrastructure failures



**Long-Term Cost Savings:** Reduces maintenance costs over time, and reduces the risk of costly emergency repairs or service interruptions



**Economic Impact:** Supports economic growth, development and tourism by providing clean, safe and reliable water to residential and commercial users



**Community:** Shows care for the welfare of the community and people's basic needs

## Environmental Stewardship and Sustainability

Water is one of the most precious and vital resources on our planet. It supports life, health and well-being. However, it is also vulnerable to contamination from various sources, which can pose serious threats to water quality and the ecosystems that depend on it.

Investing in the Burnsville Water Treatment Plant is essential for ensuring environmental protection. It will aid in removing pollutants and other harmful substances from the public water supply, and reduce the chances of contamination resulting from infrastructure failures.

This investment is not only a technical necessity, but also a moral duty that reflects the State's commitment to preserving and protecting the environment for current and future generations.



### Burnsville Water Treatment Plant Facts

The Burnsville Water Treatment Plant stands out in the Twin Cities as a unique facility that combines both surface water from Kraemer Quarry and groundwater from Prairie Du Chien-Jordan, Mt. Simon and Jordan aquifers.

During the winter, two-thirds of the water supply is derived from surface water, with one-third from groundwater. However, this ratio reverses in the summer months to meet the increased demand, relying more heavily on groundwater wells.

On an annual average, the plant pumps a staggering 3.2 billion gallons of water from these dual sources, ensuring a reliable water supply for the region including supplying 85% of the City of Savage's drinking water.

