



# 2024 Capital Budget Proposals

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Our mission

**Protect and improve the  
environment and human health**

# Generational problems require major investments

The MPCA and State of Minnesota are facing difficult challenges with intractable pollutants, climate change, and a growing waste problem.

The Walz-Flanagan administration and the legislature **took major steps forward** in 2023, but more work is required.



# MPCA capital budget requests

Title	Source	Funding
Statewide drinking water contamination mitigation for private wells	GO	\$8,000
	GF	\$2,000
Statewide nitrate monitoring network	GF	\$2,000
<b>TOTAL</b>	<b>GO</b>	<b>\$8,000</b>
	<b>GF</b>	<b>\$4,000</b>

Amounts in thousands

# The challenge of PFAS

Small amounts  
may be harmful.



Some build up in  
people over time.



All are difficult  
to remove and  
destroy.



# Statewide drinking water contamination mitigation for private wells

## Challenge

- Contaminants like PFAS and 1,4-dioxane are man-made and difficult to break down.
- They pose serious risk to human health and the environment.
- The conventional process for drinking water improvements does not cover private wells.

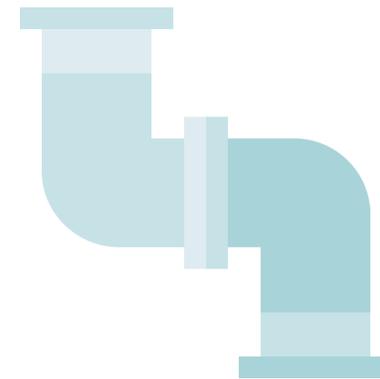
## Solution

- Offer grants to support hook-ups to municipal systems, deeper well drilling, or other solutions.
- Hook-ups to municipal systems have other additional benefits.

### Request:

**\$8 million GO Bonds**

**\$2 million General Fund**



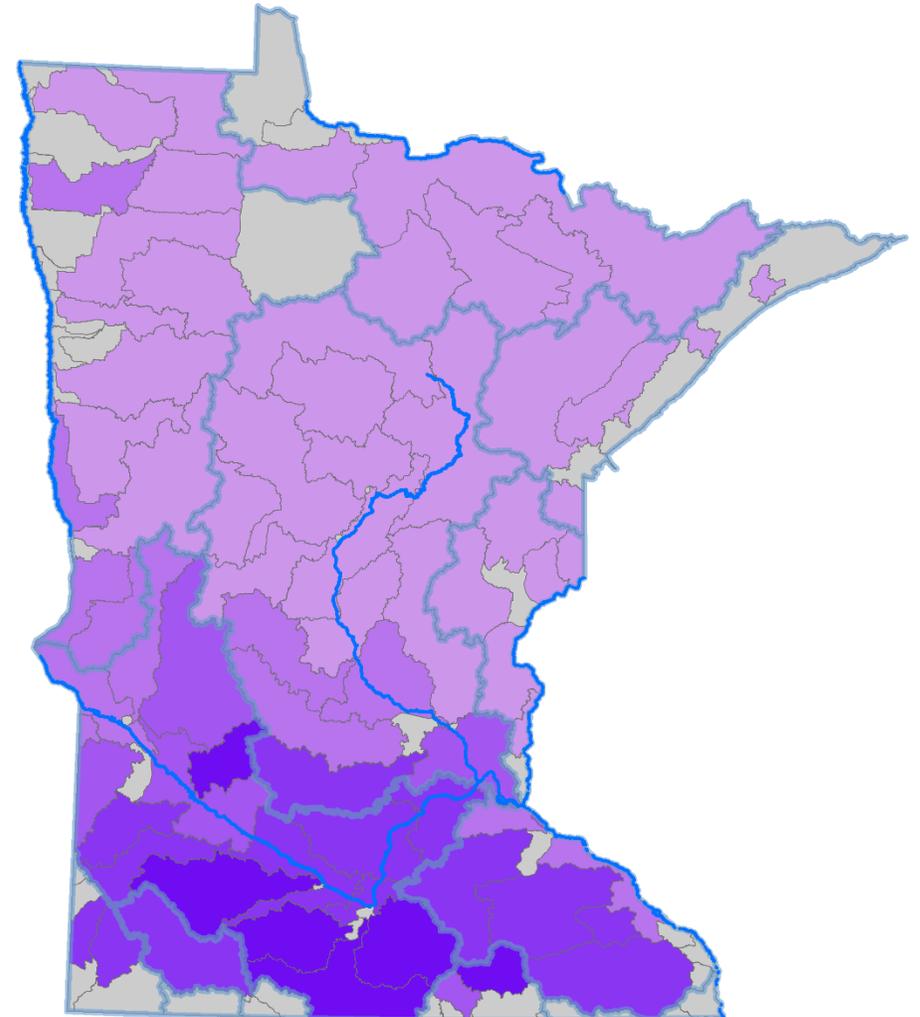
# The challenge of nitrate monitoring

## Challenge

- Nitrates in Minnesota's lakes and rivers threaten the safety of our drinking water.
- Nitrate levels are increasing in Minnesota's surface water and groundwater.
- High levels of nitrate are increasingly common in the southern half of the state.

## Solution

- 60-80 real-time, permanent nitrate sensors
- Stakeholder engagement to determine locations



# Continuous nitrate sensor network

Measuring nitrates traditionally requires physically collecting samples and sending them to a lab for analysis.

- Costly
- Time/labor intensive
- Limits the amount of monitoring that can be conducted

New system will provide ongoing, real-time data to protect drinking water.

**Request:**  
**\$2 million General Fund**



# Questions?