



2024 Capital Budget Proposals

Kirk Koudelka, Assistant Commissioner for Land & Strategic Initiatives

Alexis Donath, Legislative Coordinator



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
TOTAL	GO	\$8,000
	GF	\$4,000

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.

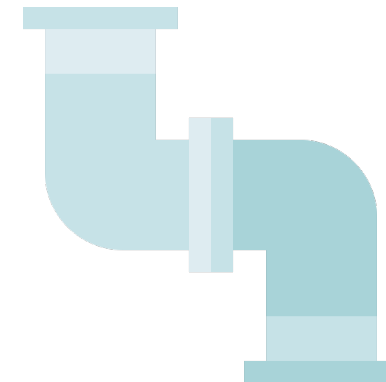
Solution

- 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



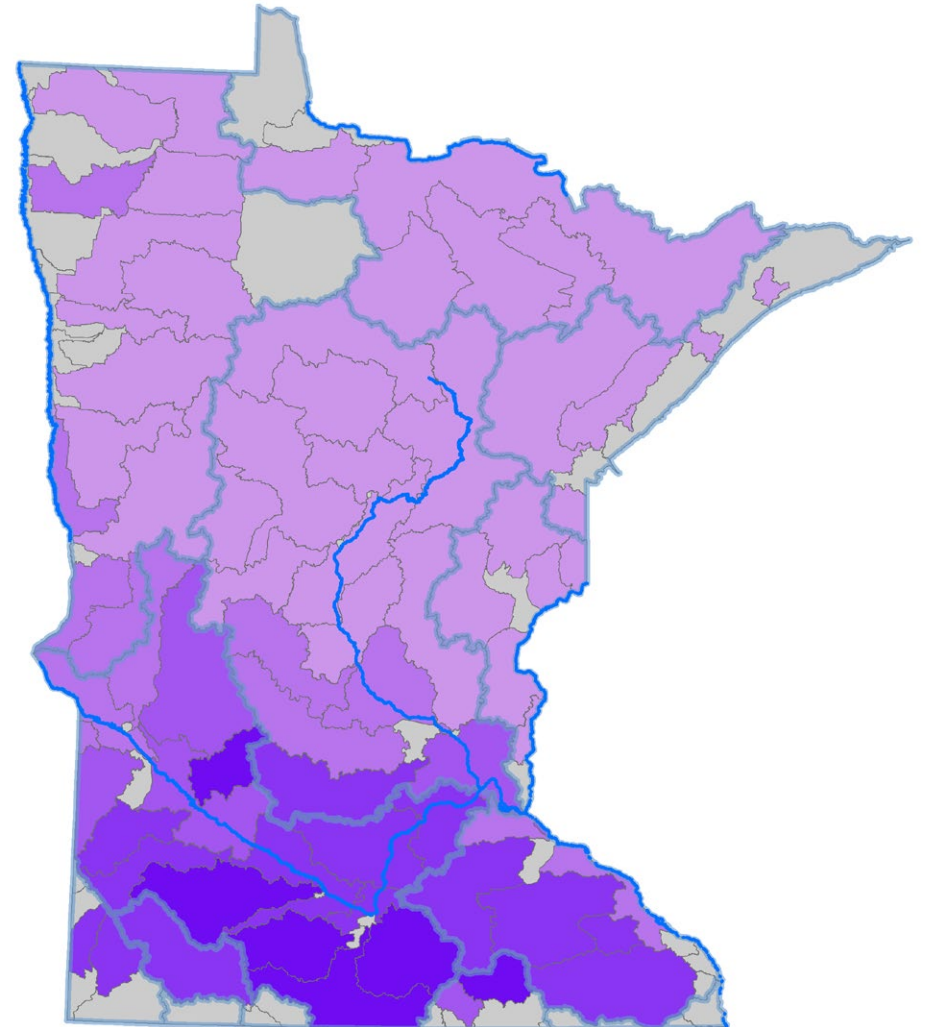
The challenge of nitrate monitoring

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?

