



2023 Capital Budget Proposals

Tom Johnson, MPCA Government Relations Director

Kirk Koudelka, Assistant Commissioner for Land & Strategic Initiatives



Our mission

Protect and improve the
environment and human health

MPCA capital budget requests (in priority order; amounts in thousands)

#	Title	Source	Funding
1	Local government stormwater construction grants	GO	\$24,000
		GF	\$1,210
2	Capital Assistance Program: Organics capacity	GO	\$12,000
3	Addressing legacy contaminants: Red Oaks neighborhood, City of Andover	GO	\$3,100
		GF	\$3,000
4	Capital Assistance Program: Pope Douglas solid waste management	GO	\$12,833
5	Capital Assistance Program: Dakota and Scott County	GO	\$8,000
6	Continuous Nitrate sensor network	GF	\$1,200
7	Capital Assistance Program: Olmsted County	GO	\$10,000
8	Capital Assistance Program: Polk County	GO	\$2,400
9	Capital Assistance Program: Chisago County	GO	\$281
10	Capital Assistance Program: Cass County	GO	\$3,500
	TOTAL		\$81,524

Local government stormwater construction grants

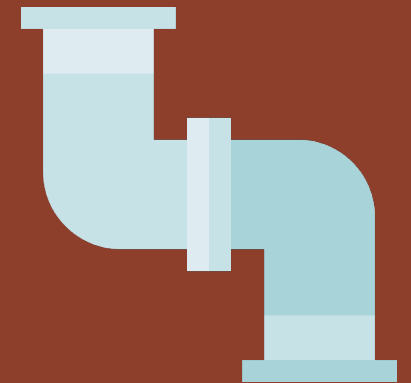
Request:
\$24,000,000 GO Bonds
\$1,210,000 GF

Challenge

- Minnesota ranks 2nd in the nation in extreme weather events
- Poses serious risk to Minnesotans' homes and businesses
- Many communities lack adequate stormwater infrastructure to manage and mitigate flood impacts

Solution

- Grants to support investments in stormwater infrastructure
- \$25 million would fund about 12 projects across the state



Continuous nitrate sensor network

**Request:
\$1,200,000 GF**

Challenge

- Nitrate in Minnesota rivers threatens the safety our drinking water
- Current data on nitrate levels is incomplete and prevents water quality improvements

Solution

- Install real-time, permanent nitrate sensors that provide critical data to inform water quality investments
- Collaborate with other states already collecting real-time data to improve national water quality strategy



Addressing legacy contaminants: Red Oaks Neighborhood, Andover

Request:

\$3,100,000 GO Bonds

\$3,000,000 GF

Challenge

- 1,4-dioxane and PFAS contamination over MDH's health risk limits impacts nearly 50 homes. Some wells test at 2,200x the health risk level.
- Affected residents are receiving bottled water delivery and need a safe long-term drinking water source.
- 1,4-dioxane and PFAS pose risks to human health and the environment.

Solution

- Design and construct connection for residents in areas with exceedances to Andover's municipal water system (main water lines, home connections, and sealing private wells).



Capital Assistance Program

Investments to expand local recycling and composting infrastructure will reduce the need for future, costly landfills and prevent pollution.

Title	Source	Funding
Capital Assistance Program: Organics capacity	GO	\$12,000
Capital Assistance Program: Pope Douglas solid waste management	GO	\$12,833
Capital Assistance Program: Dakota and Scott County	GO	\$8,000
Capital Assistance Program: Olmsted County	GO	\$10,000
Capital Assistance Program: Polk County	GO	\$2,400
Capital Assistance Program: Chisago County	GO	\$281
Capital Assistance Program: Cass County	GO	\$3,500

Capital Assistance Program: Organics capacity

**Request:
\$12,000,000**

Challenge

- Nearly 20% of what we throw away is food
- Growing, shipping, and food disposal is resource-intensive
- Average family loses up to \$1500 on wasted food per year

Solution

- Expand food rescue, compost, anaerobic digestion capacity by investing in additional city and county infrastructure.



Capital Assistance Program: Pope Douglas solid waste management

**Request:
\$12,833,000 GO Bonds**

Challenge

- Equipment is worn out and designed to manage 1/3 of trash it currently handles
- Existing material recovery facility (MRF) is undersized and cannot operate efficiently.

Solution

- Completes the project; Phase I funded in 2020
- Expands the MRF and installs modern equipment to increase the amount of recycled material that can be processed



Capital Assistance Program: Scott and Dakota Counties

**Request:
\$8,000,000 GO Bonds**

Challenge

- Two facilities manage 7 million lbs. annually of electronics, paint, pesticides, batteries, etc. for the entire south metro.
- Dakota County's facility manages 4x the original designed capacity
- 25% of residents say current facility is too far away and inconvenient



Solution

- Completes the project; Phase I funded in 2020
- Build regional facility to meet the two counties' growing need for hazardous waste and recycling management

Capitol Assistance Program: Olmsted County

**Request:
\$10,000,000 GO Bonds**

Challenge

- Non-combustible waste (like glass and metal) adds costs and pollution to the Olmsted Waste-to-Energy Facility serving Dodge and Olmsted Counties

Solution

- Reclaim non-combustible items through a new materials recovery facility (MRF) to keep them out of landfills
- Recovered waste for sale = less demand for costly landfills & additional revenue to Olmsted County
- Easy access for local businesses, increasing recycling rates



Capitol Assistance Program: Polk County

**Request:
\$2,400,000 GO Bonds**

Challenge

- Challenges with current operations leave recyclables uncollected
- The system serves 9 other counties and 3 tribal nations

Solution

- Add equipment and robotics to improve efficiency
- Increase each county's recycling rate by 7-12%



Capitol Assistance Program: Chisago County

**Request:
\$281,000 GO Bonds**

Challenge

- Community use of the Chisago County Household Hazardous Waste Facility (HHW) has outgrown capacity; typical customer lines spill into the adjacent roadway
- Also serves Washington and Isanti counties in a high growth area

Solution

- Meet community needs and expand the HHW site with warehouse workflow, volume, and safety improvements.



Capitol Assistance Program: Cass County

**Request:
\$3,500,000 GO Bonds**

Challenge

- The aging, 30-year-old Pine River HHW Facility is undersized as a hub for two satellite recycling facilities
- An April 2020 feasibility report recommended a new facility to house HHW and other essential operations

Solution

- Build a new facility for HHW and recycling operations that will improve efficiency



Questions?

