



# FY 2023

# Capital Budget Requests

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## Our mission

Protect and improve the  
environment and human health

# MPCA capital budget requests (amounts in thousands)

#	Title	Source	2022
1	Local government stormwater construction grants	GO	\$20,000
		GF	\$1,100
2	Statewide electric vehicle charging infrastructure	GF	\$13,800
3	Capital Assistance Program: Organics capacity	GO	\$10,000
4	Addressing legacy contaminants: Red Oaks neighborhood, City of Andover	GO	\$12,000
5	Capital Assistance Program: Pope Douglas solid waste management	GO	\$5,953
6	Capital Assistance Program: Dakota and Scott County	GO	\$3,800
7	Continuous Nitrate Sensor Network	GO	\$1,000
8	Capital Assistance Program: Olmsted County	GO	\$10,000
9	Capital Assistance Program: Polk County	GO	\$2,400
11	Capital Assistance Program: Chisago County	GO	\$281
12	Capital Assistance Program: Cass County	GO	\$2,000
	<b>TOTAL</b>		<b>82,334</b>



# Infrastructure for community readiness

Investing in infrastructure helps Minnesota communities prepare for a changing climate.

#	Title	Source	2022
1	Local government stormwater construction grants	GO	\$50,000
		GF	\$1,100
2	Statewide electric vehicle charging infrastructure	GF	\$13,800

# Local government stormwater construction grants

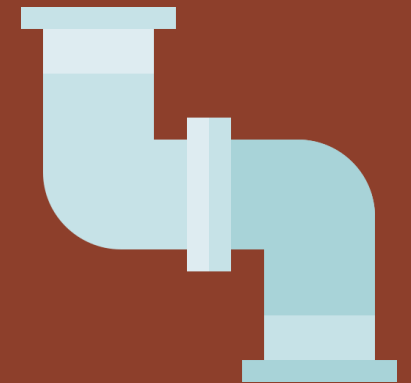
**Request:**  
**\$21,100,000**

## Challenge

- Minnesota ranks 2<sup>nd</sup> 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
- \$20 million would fund up to 10 projects across the state



# Statewide electric vehicle charging infrastructure

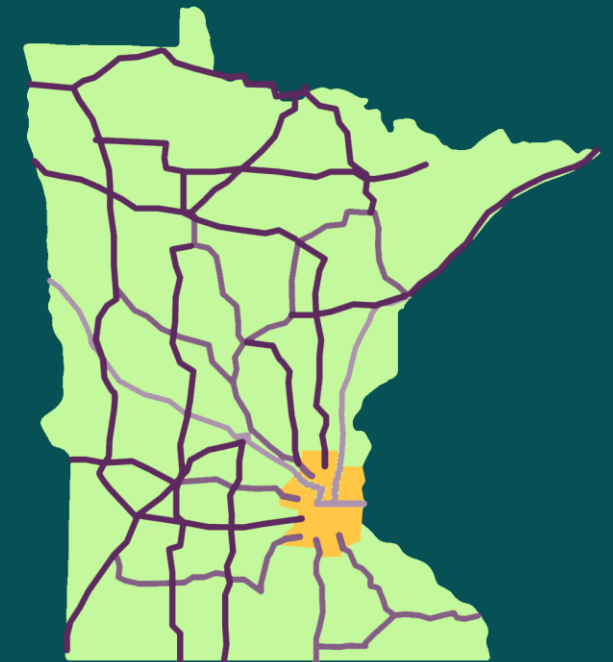
**Request:**  
**\$13,800,000**

## Challenge

- The transportation sector is the largest contributor to Minnesota's greenhouse gas emissions
- The state needs to provide a \$13 million match to receive \$65 million in federal funding from the bipartisan infrastructure package
- More charging stations are needed to meet the surge in EVs due to the Clean Cars Rule and likely increased federal rebates

## Solution

- Release the federal funds and build nearly 100 new fast charging stations across the state
- Fill critical gaps in our existing EV network, and prepare the state for the transition to electric vehicles





# Addressing historic pollution sources

Cleaning up historic pollution is a key part of protecting human health and the environment.

#	Title	Source	2022
4	Addressing legacy contaminants: Red Oaks Neighborhood, City of Andover	GO	\$12,000

# Addressing legacy contaminants: Red Oaks Neighborhood, Andover

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

## 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 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	2022
3	Capital Assistance Program: Organics Capacity	GO	\$10,000
5	Capital Assistance Program: Pope Douglas Solid Waste Management	GO	\$5,953
6	Capital Assistance Program: Dakota and Scott County	GO	\$3,800
9	Capital Assistance Program: Olmsted County	GO	\$10,000
10	Capital Assistance Program: Polk County	GO	\$2,400
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# Capital Assistance Program: **Organics capacity**

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

## 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:**  
**\$5,953,000**

## 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
- Single-sort recycling is more efficient, saving time and money





# Capital Assistance Program: Scott and Dakota Counties

**Request:  
\$3,800,000**

## 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 in Burnsville/Lakeville area to meet the two counties' growing need for hazardous waste and recycling management

# Capitol Assistance Program: Olmsted County

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

## 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**

## **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**

## 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:  
\$2,000,000**

## 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



# Monitor existing pollution sources

Investments in monitoring equipment will ensure that real-time data is available to inform decision making.

#	Title	Source	2022
8	Continuous Nitrate sensor network	GO	\$1,000



# Continuous nitrate sensor network

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

## Challenge

- Nitrate in Minnesota rivers threatens the safety of 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



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

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# Questions?

