

Pollution Control

Projects Summary

(\$ in thousands)

Project Title	Rank	Fund	Project Requests for State Funds			Gov's Rec	Gov's Planning Estimates	
			2020	2022	2024	2020	2022	2024
Community Electric Vehicle Infrastructure Grant Program	1	AP	14,000	0	0	14,000	0	0
Sustainable Communities and Climate Resiliency	2	GO	20,000	0	0	15,000	0	0
Addressing Legacy Contaminants: Esko Groundwater Contamination Superfund Site	3	AP	1,200	0	0	1,200	0	0
Addressing Legacy Contaminants: City of Duluth Dump #1 Superfund Site	4	AP	7,700	0	0	7,700	0	0
Addressing Legacy Contaminants: Winona Groundwater Contamination State Superfund Site	5	GO	2,100	0	0	0	0	0
Removal of PAH-Contamination Stormwater from Pond Sediments	6	GO	2,000	0	0	2,000	0	0
Capital Assistance Program: Clay County Transfer Station Build	7	GO	8,500	0	0	8,500	0	0
Capital Assistance Program: Pope Douglas Solid Waste Management Campus Expansion	8	GO	9,000	0	0	9,000	0	0
Capital Assistance Program: Ramsey/Washington Recycling and Energy Center Expansion	9	GO	8,000	0	0	8,000	0	0
Addressing Legacy Contaminants: Brookston Closed Landfill	10	GO	1,330	0	0	1,330	0	0
Capital Assistance Program: Chisago County Household Hazardous Waste Facility Expansion	11	GO	391	0	0	391	0	0
Capital Assistance Program: City of Coon Rapids Recycling Center Expansion	12	GO	700	0	0	700	0	0
Capital Assistance Program: Dakota and Scott County Household Hazardous Waste and Recycling Facility	13	GO	4,000	0	0	4,000	0	0
Capital Assistance Program: Hennepin County Organics Transfer Station Expansion	14	GO	2,000	0	0	2,000	0	0
Capital Assistance Program: Organics Infrastructure Projects	15	GO	20,000	0	0	10,000	0	0

Project Title	Rank	Fund	Project Requests for State Funds			Gov's Rec	Gov's Planning Estimates	
			2020	2022	2024	2020	2022	2024
Addressing Legacy Contaminants: Perham Arsenic Superfund Site	16	AP	8,000	0	0	8,000	0	0
Addressing Legacy Contaminants: Precision Plating State Superfund Site	17	AP	6,000	0	0	6,000	0	0
Capital Assistance Program: Todd County Campus Expansion	18	GO	6,000	0	0	6,000	0	0
Capital Assistance Program: City of Minneapolis Transfer Station Renovation	19	GO	571	0	0	571	0	0
Total Project Requests			121,492	0	0	104,392	0	0
Appropriation Bonds (AP) Total			36,900	0	0	36,900	0	0
General Obligation Bonds (GO) Total			84,592	0	0	67,492	0	0

<https://www.pca.state.mn.us/>

AT A GLANCE

- 887 employees in FY19: 649 in Saint Paul and 238 in seven regional offices; 34 are student workers or seasonal employees
- Protect human health by issuing more than 16,700 permits that include environmental standards to limit pollution
- Monitor the condition of air, ground and surface water, and land at more than 2,320 sites
- Inspect and license more than 40,000 sites that involve hazardous waste, feedlots, and storage tanks
- 2013 Eco Experience exhibit received “People’s Choice Award for Best Attraction” at the Minnesota State Fair and in 2019 received an estimated 268,000 visitors
- Offer 79 online services with more launching soon

PURPOSE

The Minnesota Pollution Control Agency (MPCA) monitors environmental quality, offers technical and financial assistance, and enforces environmental regulations. The agency finds and cleans up spills or leaks that can affect health and environment. MPCA develops statewide policy, supports environmental education, and helps ensure pollution does not have a disproportionate impact on any group of citizens. MPCA’s mission is to protect and improve the environment and human health. The agency plays a key role in contributing to the following statewide outcome: **A clean, healthy environment with sustainable uses of natural resources.**

STRATEGIES

Limiting pollution caused by businesses, organizations, and individuals is fundamental to MPCA’s mission. The agency develops and enforces regulations and provides education and technical assistance to help meet these regulations. Increasingly, MPCA’s focus is on preventing pollution rather than just controlling or cleaning it up.

MPCA works with many partners—citizens, communities, businesses, government, environmental groups, and educators—to prevent pollution and conserve resources. These partnerships allow MPCA to:

- Foster greater commitment and personal responsibility for the environment.
- Work to minimize the use and generation of toxic chemicals in products and materials.
- Protect, restore, and preserve the quality of our waters.
- Develop solutions to Minnesota’s climate change challenges.

As a result, Minnesota is a national model for environmental protection. The state’s air, land, and water are cleaner now than 40 years ago, even with a growing population and rising industrialization.

MPCA’s range of activities includes:

- Testing and research to identify environmental problems.
- Setting priorities and operating strategies for the agency.
- Setting standards and developing rules that protect people and the environment.
- Writing permits to regulate activities and use of materials that affect the environment (air emissions, toxic or hazardous materials, water discharges, landfills, etc.).
- Ensuring compliance with and enforcing regulatory requirements to ensure equitable treatment and a level playing field for Minnesota businesses.
- Integrating environmental justice principles into the agency’s processes to ensure pollution does not disproportionately impact the health of low-income populations or people of color.

- Providing technical assistance, funding, training, outreach, and education to schools, facility operators, permit holders, and the general public.
- Providing access to environmental data and regulatory services through online systems and data requests.
- Publicizing and demonstrating pollution prevention techniques.
- Responding to environmental spills, releases, and other environmental emergencies.

Minnesota Statutes, Chapter, 114D (<https://www.revisor.mn.gov/statutes/?id=114D>), Chapter 115 (<https://www.revisor.mn.gov/statutes/?id=115>), Chapter 115A (<https://www.revisor.mn.gov/statutes/?id=115A>), and Chapter 116 (<https://www.revisor.mn.gov/statutes/?id=116>) provide the agency with its main authorities to provide regulatory, monitoring, and assistance services.

AT A GLANCE**Agency Mission**

- The mission of the Minnesota Pollution Control Agency (MPCA) is to protect and improve the environment and human health.

Vision

- MPCA is a national leader in delivering services that support healthy people and ecosystems, and a thriving economy.

Core Values

- People: MPCA values and supports a motivated, talented and diverse workforce. #PCAPeople
- Leadership: MPCA sets a vision of environmental and human health protection in an open, ethical and accountable manner. #PCALeads
- Collaboration: MPCA seeks out and promote alliances because we value other's knowledge, opinions and abilities. #PCACollaborates
- Outcomes: MPCA measures its success by the environmental and public health outcomes achieved. #PCAOutcomes
- Data-driven: MPCA decisions and policies are supported by data and analysis. #PCAData-driven
- Learning organization: MPCA promotes innovation, learns from its mistakes, and strives to continuously improve processes and outcomes. #PCALearns

The MPCA's 2018-2022 Strategic Plan includes the following long-term and strategic goals associated with its agency vision.

Water*Long-Term Goals*

- Water quality is maintained or improved.
- Water quality meets statewide goals.
- Pollution to Minnesota surface waters and groundwater is reduced or prevented.

Strategic Goals

- Reduce chloride (salt) entering surface waters and groundwater.
- Accelerate prioritized and targeted reductions in nutrient pollution by integrating strategies with local watersheds.
- Achieve wastewater pollutant reduction goals and maximize cost-effectiveness of public infrastructure investment.

Land*Long-Term Goals*

- Solid waste is managed to conserve materials, resources, and energy.
- Contaminated sites are managed to reduce risks to human health and the environment and allow continued use or reuse.

Strategic Goals

- Reduce food waste from households and businesses by generating less and rescuing and recycling more.
- Identify and address emerging risks by completing assessment of backlogged contaminated sites.
- Prevent and reduce risks to groundwater from unlined construction and demolition landfills.

Air

Long-Term Goals

- Ensure ambient air quality is better than air quality standards and benchmarks.
- Reduce Minnesota's contribution to global concentrations of greenhouse gases.
- Reduce Minnesota's contribution to global mercury levels.
- Reach natural visibility conditions in Minnesota's national parks and wilderness areas.

Strategic Goals

- Improve air quality in population centers.
- Offset excessive emissions and advance diesel reductions via the Volkswagen Settlement.
- Reduce air permitting backlog.
- Reduce Minnesota's greenhouse gas emissions from transportation.

Cross Agency

Long-Term Goals

- Disproportionate negative impacts from pollution are reduced or prevented.

Strategic Goals

- Incorporate strategies to address environmental justice concerns in all programs.
- Increase involvement of communities in decisions and actions that affect them.
- Act on opportunities to increase resilience of communities and the environment to climate change impacts.

Operations

Strategic Goals

- Increase the diversity of the agency's workforce, through best efforts in recruitment, hiring and retention.
- Accelerate the availability of data and information in a self-service format.
- Improve agency's ability to identify, manage and sustain organizational improvement.

Factors Impacting Facilities or Capital Programs

Addressing Legacy Contaminants: Superfund

The annual Superfund budget is unable to absorb the prohibitive costs that exist for many Superfund sites requiring long-term capital investment while continuing to manage the immediate human health risks for other Superfund project sites. Over the past decade, much of the annual Superfund budget has been expended on sites requiring expedited response actions to eliminate harmful soil vapors entering buildings or impacts to drinking water supplies. These priority actions reduce available funding from the annual Superfund budget that are needed to repair failing and install new contaminant treatment systems needed to protect Minnesotans. Capital funds are required to address the increasing number of response actions and continuing long-term needs.

Addressing Legacy Contaminants: Closed Landfill

Passage of the Landfill Cleanup Act in the early 1990s authorized MPCA to ensure landfills are closed according to standards, initiate cleanups and other remedial actions, and take over the post-closure care and maintenance at state-permitted municipal solid waste landfills. Of the 114 closed landfills qualified under program requirements, 13 are privately owned, 45 are state owned, and 56 are owned by counties and cities. Program staff conduct periodic assessments of the condition of the closed landfills and assigns an environmental risk from changing conditions at each site. Based on this assessment process, MPCA proceeds with the preliminary design and engineering, and plan to implement the required remedial systems that protect groundwater from contaminants, which protects human health.

Capital Assistance Program

The Capital Assistance Program (CAP), under M.S. 115A.49 – 115A.541, is the MPCA’s main program to assist local governments in financing the infrastructure necessary for an effective integrated solid waste system. CAP is a grant program that provides financial assistance for local governments to develop various recovery facilities, which become part of the integrated waste management system.

The municipal solid waste (MSW) stream grew from 4.0 million tons per year in 1991 to 5.9 million tons per year in 2017, an increase of 48 percent. Since 1991, recycling and composting has increased from 16 percent to 45 percent of total managed MSW, resource recovery has fallen from 47 percent to 23 percent, and waste disposal in landfills or onsite decreased from 37 percent to 32 percent. Insufficient resource recovery capacity will be an important factor going forward. The closure of a major resource recovery facility in the metro area is not reflected in this dataset, so it is expected that land disposal rates will increase in the future.

More investment is needed to develop facilities for Minnesota to maintain and even increase recycling and resource recovery levels, so waste is managed as a resource instead of treated as a liability. CAP has played an important role in Minnesota’s shift from a total reliance on landfills to resource recovery and recycling.

Sustainable Communities and Climate Resiliency

Minnesota’s communities are placing an increased emphasis on sustainability and resiliency to ensure communities stay vibrant in the face of a changing climate. The grant program will provide funds to communities for building sustainable and resilient infrastructure. Specific funding opportunities for this grant will focus on Minnesota’s stormwater and wastewater treatment systems and projects that improve a community’s ability to meet the needs of its members during extreme weather events.

Community Electric Vehicle Infrastructure Grant Program

Minnesota has set a goal of increasing the number of electric vehicles (EVs) on the road from just over 10,000 in 2019 to 200,000 by 2030. EVs reduce pollution and improve public health, and increasing the number of EVs on the road is a key strategy for combating climate change. In order to support this goal and meet the infrastructure needs of Minnesota’s communities, a robust buildout of EV charging infrastructure is needed. Providing grants for the installation of electric vehicle charging stations at strategically placed and publicly-owned locations in our state will begin to address this need. These locations could include state parks, municipal buildings, and other publicly owned and accessible areas.

Self-Assessment of Agency Facilities and Assets

Addressing Legacy Contaminants: Superfund

Many of the Superfund sites targeted through this initiative have existing treatment systems that are inadequate to meet long-term needs. Minnesotans would be at risk from exposure to contaminants in drinking water and soil vapors if the systems in place are inadequately addressing the contamination. The initiative will be used to design and carry out five cleanup plans where there are not viable responsible parties and the government is the last party available to address related public health concerns.

Addressing Legacy Contaminants: Closed Landfills

At the end of FY 2019 MPCA reported that the 30-year state obligation estimate for carrying out response actions at qualified closed landfills was approximately \$305 million. These financial obligations are based on needed remedial construction, as well as for operation and maintenance of these systems. Program staff conducts periodic assessments of the closed landfills and assigns an environmental risk from changing conditions at each site. From this assessment, we know that remedial construction is needed at closed landfills covered by the program. In addition to the annual operating expenses, unexpected remedial construction projects or less significant fixes at other privately and publicly owned closed landfills also compete for resources from the Remediation Fund. Given the limited resources in this fund, if no other monies are made available, construction projects will be deferred to future years and will cost more to complete due to inflation. Significantly, in many cases delays would negatively impact MPCA's ability to address and correct groundwater contamination.

Capital Assistance Program.

Since 1980, the Legislature has authorized \$83.84 million in capital funding for the CAP program. CAP grants have funded the construction and expansion of facilities throughout Minnesota. These included recycling facilities, transfer stations, waste-to-energy facilities, compost facilities, and household hazardous waste facilities. Public willingness, local government commitment, CAP funding and our technical assistance have all contributed to a successful local/state partnership to protect the environment and public health, and enable recovery of resources and energy.

However, 32 percent of Minnesota's solid waste is not recovered or processed, and solid waste continues to be dumped into landfills. As a result, new facilities and expansion of existing facilities are needed to ensure future capacity to process solid waste. Minnesota counties need the financial assistance from CAP to maintain and continue the development of an integrated solid waste management system that gives all residents access to recycling, composting, waste processing, and household hazardous waste facilities.

Agency Process for Determining Capital Requests

We have ranked the components our capital bonding request across and within our program areas.

Addressing Legacy Contaminants: Superfund

Sites identified in the Superfund initiative either need critical repairs to existing treatment systems or large-scale capital investments to design and carry out new cleanup plans. The projects are needed to prevent Minnesotans from the risk of exposure to contaminants in drinking water and soil vapors.

Addressing Legacy Contaminants: Closed Landfill

MPCA has estimated design, engineering and construction costs for the publicly owned closed landfills that need remedial action. Construction activities at each of these sites may include:

- The installation or augmentation of landfill covers to reduce the generation of contaminated leachate;
- The consolidation of waste to improve cover slopes and pull back waste from property boundaries; and
- The installation of landfill gas control systems to prevent the buildup of combustible gases and the potential for explosions that endanger people and property if these gases migrate off-site.

The need for remedial construction at sites included in the capital bonding request are those with the highest score, representing higher environmental risk and potential to adversely affect human health.

Capital Assistance Program

In preparing the current CAP request, MPCA relied on interest expressed by current applicants and an assessment of the existing Integrated Solid Waste Management System. MPCA bases the need for CAP grant funding on the planning work done by counties, the Solid Waste Policy Report, and the Metropolitan Policy Plan. It also ranks grant applications on project readiness and need.

Major Capital Projects Authorized in 2017 - 2019

L2018, Chapter 214, Art 1. sec 8		
Capital Assistance Program	Becker County	\$750,000
L2019, Chapter 2, Art 1, sec 3		
Closed Landfill Program	Waste Disposal Eng. Landfill	\$10,300,000

Community Electric Vehicle Infrastructure Grant Program

AT A GLANCE

2020 Request Amount: \$14,000

Priority Ranking: 1

Project Summary: The MPCA will administer \$12 million of grants to local governments to install electric vehicle (EV) infrastructure statewide to reduce greenhouse gas emissions, reduce other air pollution, and address climate change. The Department of Administration will administer \$2 million of grants to build out the state's electric vehicle fleet charging infrastructure and equipment to better enable state EV fleet vehicles to travel throughout the state.

Project Description

Statewide Electric Vehicle Infrastructure Grant Program

This project will be administered by Pollution Control and will fund new electric vehicle (EV) fast charging stations at sites that either expand the reach of, or fill gaps within, the current network of fast chargers. Priority funding will be given to fast chargers that extend already funded corridors and that facilitate intra-state and cross-border travel. Some funds will be used to increase density of fast chargers on high-use corridors.

The design of the EV charging corridors and the overall infrastructure will be based upon available data and planned in cooperation with the Minnesota Department of Transportation (DOT). This project will leverage current DOT efforts to decarbonize transportation in Minnesota. This project leverages Volkswagen Settlement funds used to build EV infrastructure (a maximum of \$7 million under the federal court settlement).

The state may choose to install two other types of EV chargers: “super chargers” and Level 2 chargers. Super chargers are 150kW charging stations that cost approximately \$170,000 for site commissioning and installation, and would be well utilized along Minnesota’s most trafficked corridors. These higher powered stations can be temporarily downgraded to a 50kW and brought up to full electrical capacity as needed in the future. Super charging stations must be installed in places available to the public 24 hours a day. Level 2 chargers may be placed at multi-unit housing complexes, workplaces, and publicly-owned sites.

Grantees must provide a 20% match.

State Electric Vehicle Fleet Charging Infrastructure

The Department of Administration (Admin) will use \$2 million to install 13 Fast Direct Current (DC) charging hubs and 100 Level Two charging stations and the associated electrical infrastructure and upgrades at state-owned locations throughout Minnesota.

The Office of Enterprise Sustainability at Admin has identified 13 locations for the Fast DC charger hubs, based on the real-world range of electric vehicles, site suitability, and state employee concentration around the state. The hubs could accommodate one Fast DC charger and up to two Level Two chargers. The locations are in state owned facilities, most of which are open and accessible to the public. If a fleet vehicle were not using the station, private citizens could also use the charging station for a small fee. In addition, more stations will be installed in areas of the Capitol Complex that are open and available to contract parkers. Locations for additional Level Two chargers will be determined based on the demand.

A considerable share of the cost, between 60% and 70%, is to complete electrical infrastructure and associated physical upgrades. Often, transformers, distribution panels, and switchgears need to be upgraded to accommodate the increased electrical load. The cost of the charging stations accounts for the remainder of the project.

Project Rationale

Statewide Electric Vehicle Infrastructure Grant Program

Enhancing the existing electric vehicle charging infrastructure has broad and multiple benefits to the public. By addressing range anxiety, expanded EV charging capability will accelerate EV adoption which in turn will reduce greenhouse gas emissions and air pollution. Such EV charging capability will facilitate statewide travel within Minnesota and allow EV owners from other states to drive to tourist destinations (e.g. state and national parks, resorts) within Minnesota – thus providing economic benefits. An indirect but significant benefit will be the positive public health impacts, such as reduced medical costs for asthma-related care, of cleaner air statewide (because EVs have no emissions).

State Electric Vehicle Fleet Charging Infrastructure

Governor Walz announced the Clean Cars Minnesota initiative in September 2019. Part of this initiative includes lowering the greenhouse gas emissions of state fleet vehicles by acquiring more electric vehicles and hybrid electric vehicles. To accommodate the charging needs of these new vehicles around the state, new charging stations and electrical infrastructure will need to be installed at public facilities. Building out the statewide charging infrastructure will also encourage private citizens to purchase low or zero emission electric vehicles because more charging stations will enable these vehicles to travel longer distances.

Fast DC and Level Two chargers will be installed to allow more cars to utilize the stall per day. Fast DC chargers only take 30 minutes and Level Two chargers take 4 hours, as opposed to other slower chargers that typically need 8 hours to reach a full charge. This budget request advances the creation of a statewide electrical vehicle charging infrastructure, which will help make the choice of owning and operating electric vehicles easier for state agencies and residents living throughout the state.

Project Timeline

Statewide Electric Vehicle Infrastructure Grant Program

July 2020 - Create Request for Proposal.

September - November 2020 - Open application period, accept proposals.

December 2020 - Rank proposals submitted and write contracts.

Second – fourth quarter 2021 - Site approval agreements signed.

Third quarter 2021 through third quarter 2022 - Site construction.

Fourth quarter 2022 - Site commissioning.

June 30, 2023 - Projects complete

State Electric Vehicle Fleet Charging Infrastructure

DESIGN July – September, 2020

CONSTRUCTION October, 2020 – June, 2021

Other Considerations

In order to meet the needs of changing EV charger technology, the cost to install a DC Fast Charger with the capability to be expanded or upgraded to a 350KW charger in the future is \$100,000. (This design is one fast charging head with an additional two-head Level 2 charger for backup.)

M.S. 16B.54 directs the Commissioner of Administration to manage a Central Motor Pool for state agencies and M.S. 16B.58 gives the Commissioner of Administration authority to operate and supervise state parking facilities.

Impact on Agency Operating Budgets

This project will work in conjunction with the existing electric vehicle charging funding currently available through the federal Volkswagen Settlement. The state will be responsible for maintaining chargers on state property.

Description of Previous Appropriations

There have been no previous bonding appropriations for this purpose.

Project Contact Person

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Governor's Recommendation

The Governor recommends \$14 million in appropriation bonds for this request.

Pollution Control

Project Detail

(\$ in thousands)

Community Electric Vehicle Infrastructure Grant Program

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
Appropriation Bonds	\$ 0	\$ 14,000	\$ 0	\$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 0	\$ 14,000	\$ 0	\$ 0

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 0	\$ 225	\$ 0	\$ 0
Design Fees	\$ 0	\$ 0	\$ 0	\$ 0
Project Management	\$ 0	\$ 35	\$ 0	\$ 0
Construction	\$ 0	\$ 12,800	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 940	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 0	\$ 0
TOTAL	\$ 0	\$ 14,000	\$ 0	\$ 0

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2020	FY 2022	FY 2024
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 14,000	100 %
User Financing	\$ 0	0 %

STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?	Yes
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	N/A
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	N/A
Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?	Yes
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	N/A
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	Yes
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	N/A
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	N/A
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A

Sustainable Communities and Climate Resiliency

AT A GLANCE

2020 Request Amount: \$20,000

Priority Ranking: 2

Project Summary: This project would establish a pilot grant program to assist communities across the state in funding stormwater infrastructure to increase community resiliency due to a changing climate. Funds will build sustainable and resilient infrastructure projects, such as stormwater infrastructure to mitigate flood risks and impacts of extreme weather events.

Project Description

Minnesota’s municipalities have placed an increased emphasis on sustainability and resiliency to ensure communities stay vibrant in the face of a changing climate. The grant program will provide funds to communities for building sustainable and resilient infrastructure. Funding opportunities will focus on Minnesota’s stormwater systems and projects that improve a community’s ability to meet the needs of its members during extreme weather events. Municipalities across the state will be eligible for grants. Funds would be distributed approximately according to population; 65% to the Twin Cities Metro Area and 35% to Greater Minnesota. Preference would be given to projects that demonstrate a connection to local resilience/climate goals and improving water quality while minimizing risks from extreme weather events. While costs for rehabilitating infrastructure can vary greatly depending on population density, depth to groundwater, conflicts with other utilities and/or contaminated or poor soils, it is estimated that \$20 million could fund roughly 5 - 10 pilot projects assuming at least a 25 - 50% local match. The matching requirements would be determined based on project affordability.

Project Rationale

Minnesota continues to experience record breaking precipitation. The past five years have been some of the wettest on record across the state. Excess precipitation negatively impacts human health and the environment in a number of ways, including increased incidences of community flooding as a result of aging and undersized stormsewers. The lack of adequate stormwater infrastructure combined with leaky sanitary sewers that allow groundwater and precipitation to enter the sanitary sewer system results in flooded streets, flooded residential and business properties, and can lead to wastewater treatment systems that overflow untreated human waste into surface waters. The Public Facilities Authority (PFA) loan and grant programs cannot adequately address these issues. Stormwater projects, and specifically stormwater projects driven by the need to reduce flooding impacts, do not rank highly on their Project Priority List in comparison to the magnitude of wastewater projects. The existing funding options are not sufficient to fund stormwater projects, which are driven by the need to increase resilience. This program would complement existing funding programs by minimizing the competition between much needed stormwater and wastewater infrastructure investment opportunities.

Project Timeline

The MPCA would solicit project submittals from towns and cities across the state in the Fall of 2020.

Projects would be selected during the Fall/Winter 2020/2021 based on potential to mitigate local impacts from climate change, make progress toward local resilience goals, and address water quality. Projects would be vetted by MPCA engineers, in coordination with the Public Facilities Authority, to ensure that the work complemented other water infrastructure projects funded by PFA loans and grant programs.

Other Considerations

The MPCA would work with state partners at the Public Facilities Authority to develop the grant program. This work would include soliciting and reviewing grant proposals as well as selecting and awarding grants.

Impact on Agency Operating Budgets

The impact on the agency's operating budget will be minimal as program administration costs are separately appropriated

Description of Previous Appropriations

N/A

Project Contact Person

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Governor's Recommendation

The Governor recommends \$15 million in general obligation bonds for this request.

Pollution Control

Project Detail

(\$ in thousands)

Sustainable Communities and Climate Resiliency

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
General Obligation Bonds	\$ 0	\$ 20,000	\$ 0	\$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 0	\$ 20,000	\$ 0	\$ 0

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 0	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 0	\$ 0	\$ 0
Project Management	\$ 0	\$ 0	\$ 0	\$ 0
Construction	\$ 0	\$ 20,000	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 0	\$ 0
TOTAL	\$ 0	\$ 20,000	\$ 0	\$ 0

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2020	FY 2022	FY 2024
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 20,000	100 %
User Financing	\$ 0	0 %

STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?	N/A
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	N/A
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	N/A
Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?	N/A
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	N/A
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	N/A
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	N/A
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	N/A
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A

Addressing Legacy Contaminants: Esko Groundwater Contamination Superfund Site

AT A GLANCE

2020 Request Amount: \$1,200

Priority Ranking: 3

Project Summary: This superfund site management project will protect groundwater and surface waters: design and excavate contaminated soil in the source area, and predesign, design, and treat contaminated groundwater at the Esko Groundwater Contamination Site.

Project Description

The Esko Groundwater Contamination Superfund Site was historically a dry cleaner, creamery, and an engine repair shop. The Site was listed on the State Superfund Priority List in 2006. Soil and shallow groundwater in Esko is contaminated with chlorinated solvents (tetrachloroethene; PCE). The \$1.2 million will be used to treat the contamination in the source area. This includes the predesign, design, excavation of contaminated soil, and treatment of contaminated groundwater in the soil at the site which is an ongoing source for groundwater contamination.

Project Rationale

The main purpose of the MPCA Superfund program is to manage the risks associated with human exposure created by Superfund contaminants in soil, soil vapor, and water, as well as to avoid the degradation of groundwater and surface waters. The Esko Groundwater Contamination Site is one of 51 Superfund sites being managed by MPCA.

The existing soil contamination will continue to contribute to the contaminated groundwater into the future unless a remedy of the source area is implemented. Drinking water in Esko is provided by shallow private wells. The Post Office private drinking water well has levels of PCE above MDH's drinking water health based values. The MPCA has already install a treatment system on the Post Office well; however, if the source contamination is not addressed, additional private wells may require treatment, and the nearby Midway River is at risk if the contaminated groundwater travels to the river.

Project Timeline

FY21 - Design of the excavation and groundwater treatment technology and predesign pilot test of remedial technology, which is necessary to finalize the design parameters for the full-scale remedial design.

FY22 - Start of construction and implementation of the remedial actions

Other Considerations

The proposed source area remediation aligns with the MPCA's mission of protecting human health and the environment.

Impact on Agency Operating Budgets

This site is currently a fund-financed Superfund site, and the annual budget allocated for the site is used for sampling and private water treatment. The potential to reduce the long-term annual budget at this site will be determined once the additional remedy is implemented and effectiveness is monitored and established. This proposed source area remediation project is currently unfunded and no bonding funds have been used.

Description of Previous Appropriations

No bonding funds have been previously appropriated for work at this site.

Project Contact Person

Jamie Wallerstedt
Manager, Site Remediation and Development
651-757-2094
jamie.wallerstedt@state.mn.us

Governor's Recommendation

The Governor recommends \$1.2 million in appropriation bonds for this request.

Pollution Control

Project Detail

(\$ in thousands)

Addressing Legacy Contaminants: Esko Groundwater Contamination Superfund Site

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
Appropriation Bonds	\$ 0	\$ 1,200	\$ 0	\$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 0	\$ 1,200	\$ 0	\$ 0

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 0	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 120	\$ 0	\$ 0
Project Management	\$ 0	\$ 204	\$ 0	\$ 0
Construction	\$ 0	\$ 876	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 0	\$ 0
TOTAL	\$ 0	\$ 1,200	\$ 0	\$ 0

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2020	FY 2022	FY 2024
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 1,200	100 %
User Financing	\$ 0	0 %

STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?	Yes
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	N/A
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	N/A
Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?	N/A
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	N/A
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	N/A
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A

Addressing Legacy Contaminants: City of Duluth Dump #1 Superfund Site

AT A GLANCE

2020 Request Amount: \$7,700

Priority Ranking: 4

Project Summary: This superfund site management project will protect groundwater, surface waters, and soils through consolidation of the waste, and implementing a long-term remedy to clean up source area contamination at the City of Duluth Dump #1.

Project Description

Funds would be used to install additional measures at the City of Duluth Dump #1 to protect human health and the environment. This includes designing, excavating, and consolidating the waste, and implementing a long-term remedy for both the waste and methane impacts at the site.

Project Rationale

The main purpose of the MPCA Site Remediation and Redevelopment program is to manage the risks associated with human exposure to Superfund contaminants in soil, water, and air, as well as to avoid the degradation of groundwater and surface waters. The City of Duluth Dump #1 is one of 51 Superfund sites being managed by MPCA. The dump operated from approximately 1954 to 1959 and accepted mixed municipal solid wastes, which may have filled in portions of the wetland area. The site has been listed on the State Superfund Priority List since 1987. Site contaminants include VOCs, metals, PAHs, and PCBs. Impacted groundwater, surface water, and soils remain at the site, posing potential exposure risks. Additionally, risks associated with concentrations of methane gas are present due to the landfill gas generation from existing waste. Contamination from the existing landfill waste will continue to travel into the groundwater, surface water, and soils/sediments at the site, contributing to the contaminated groundwater into the future unless a remedy is implemented. The groundwater and surface water contamination presents a risk to a private drinking water supply and the East Branch of Chester Creek, a trout stream, if the contamination travels in the groundwater.

Project Timeline

- FY21 - Design of the excavation, consolidation, and long-term remedy
- FY22 - Start of construction and implementation of the remedial actions

Other Considerations

The proposed source area remediation aligns with the MPCA's mission of protecting human health and the environment.

Impact on Agency Operating Budgets

This site is currently a fund-financed Superfund site, and the annual budget allocated for the site is used for sampling and site operations. The potential to reduce the long-term annual budget at this site will be determined once the additional remedy is implemented and effectiveness is monitored and established. This proposed source area remediation project is currently unfunded and no bonding funds have been used.

Description of Previous Appropriations

No bonding funds have been previously appropriated for work at this dump.

Project Contact Person

Jamie Wallerstedt
Manager, Site Remediation and Development
651-757-2094
jamie.wallerstedt@state.mn.us

Governor's Recommendation

The Governor recommends \$7.7 million in appropriation bonds for this request.

Pollution Control

Project Detail

(\$ in thousands)

Addressing Legacy Contaminants: City of Duluth Dump #1 Superfund Site

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
Appropriation Bonds	\$ 0	\$ 7,700	\$ 0	\$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 0	\$ 7,700	\$ 0	\$ 0

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 0	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 0	\$ 0	\$ 0
Project Management	\$ 0	\$ 1,300	\$ 0	\$ 0
Construction	\$ 0	\$ 6,400	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 0	\$ 0
TOTAL	\$ 0	\$ 7,700	\$ 0	\$ 0

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2020	FY 2022	FY 2024
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 7,700	100 %
User Financing	\$ 0	0 %

STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?	Yes
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	N/A
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	N/A
Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?	N/A
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	N/A
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	N/A
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	N/A
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A

Addressing Legacy Contaminants: Winona Groundwater Contamination State Superfund Site

AT A GLANCE

2020 Request Amount: \$2,100

Priority Ranking: 5

Project Summary: This superfund site management project will protect groundwater: predesign, design, and remedial action implementation to clean up source area contamination located at the Winona Groundwater Contamination Site.

Project Description

The Winona Groundwater Contamination Site was historically a gas station and later converted to a drycleaner. The Site was listed on the State Superfund Priority List in 1989. Soil, soil vapor, and groundwater is contaminated with chlorinated solvents. The \$2.1 million will be used to treat the contamination in the source area. This includes the predesign, design, and construction to implement a remediation treatment injection technology to target the contaminant mass stored in the clay soil at the site which is acting as an ongoing source for groundwater contamination.

Project Rationale

The main purpose of the MPCA Superfund program is to manage the risks associated with human exposure created by Superfund contaminants in soil, soil vapor, and water, as well as to avoid the degradation of groundwater and surface waters. The Winona Groundwater Contamination Site is one of 51 Superfund sites being managed by MPCA.

The existing contamination in the source area will continue to contribute to the contaminated groundwater into the future unless a remedy of the source area is implemented. Shallow groundwater contamination has also resulted in soil vapor concerns, and vapor intrusion mitigation was required in nearby properties. Unless addressed, the source area contamination will continue to pose a risk for both migration in the groundwater and vapor intrusion into buildings.

Project Timeline

FY21 - Predesign pilot-scale testing of the remedial technology, which is necessary to finalize the design parameters for the full-scale remedial design.

FY22 - Design of the remedial technology based on information from the pilot-scale test

FY23 - Start of construction and implementation of the remedial technology

Other Considerations

The proposed source area remediation aligns with the MPCA's mission of protecting human health and the environment.

Impact on Agency Operating Budgets

The site is currently a fund-financed Superfund site, and the annual budget allocated for the site is

used to operate an existing groundwater treatment system. The proposed source area remediation project is currently unfunded and no bonding funds have been used. If the funding were received and the source remedy could be completed, then it is anticipated the long-term operations of the existing groundwater treatment system and future vapor mitigation systems may be reduced. Therefore, future operation and maintenance (O & M) costs that would have been needed to keep the systems operating long-term would be saved by implementing a source area treatment at the site.

Description of Previous Appropriations

No bonding funds have been previously appropriated for work at this site.

Project Contact Person

Jamie Wallerstedt
Manager, Site Remediation and Development
651-757-2094
jamie.wallerstedt@state.mn.us

Governor's Recommendation

The Governor does not recommend capital funding for this request.

Pollution Control

Project Detail

(\$ in thousands)

Addressing Legacy Contaminants: Winona Groundwater Contamination State Superfund Site

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
General Obligation Bonds	\$ 0	\$ 2,100	\$ 0	\$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 0	\$ 2,100	\$ 0	\$ 0

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 0	\$ 250	\$ 0	\$ 0
Design Fees	\$ 0	\$ 160	\$ 0	\$ 0
Project Management	\$ 0	\$ 0	\$ 0	\$ 0
Construction	\$ 0	\$ 1,690	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 0	\$ 0
TOTAL	\$ 0	\$ 2,100	\$ 0	\$ 0

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2020	FY 2022	FY 2024
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 2,100	100 %
User Financing	\$ 0	0 %

STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?	Yes
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	N/A
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	N/A
Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?	N/A
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	N/A
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	N/A
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	N/A
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A

Removal of PAH-Contamination Stormwater from Pond Sediments

AT A GLANCE

2020 Request Amount: \$2,000

Priority Ranking: 6

Project Summary: This project will establish a grant program that provides funds for communities to remove PAH-contaminated sediment from stormwater ponds.

Project Description

This project will provide financial support to communities across Minnesota for removal of Polyaromatic hydrocarbon (PAH) contaminated sediment from stormwater ponds. Stormwater runoff conveys sediment, chemicals and other material to surface waters such as rivers, lakes, and streams and degrades water quality. 253 public entities (e.g., cities, towns, universities) around the state have Clean Water Act National Pollutant Discharge Elimination permits that require operation and maintenance of infrastructure such as stormwater ponds, to minimize pollutant discharges. Statewide there are more than 31,000 publically owned stormwater ponds. Sediment accumulates in these ponds and reduces treatment efficacy.

Project Rationale

This money would provide critical financial assistance to Minnesota communities struggling to operate and maintain stormwater ponds. The funds would supplement local monies used to dredge and properly dispose of PAH-contaminated sediments. This project would facilitate critical maintenance required to make progress toward Clean Water Act goals.

Project Timeline

An RFP will be developed and published in October 2020 and recipients would be selected by May 2021. Projects will be completed according to local timelines.

Other Considerations

Impact on Agency Operating Budgets

This project will not impact operating budgets, which are separately appropriated.

Description of Previous Appropriations

Laws 2009, Chapter 172, \$500,000

Included creation of a model ordinance and pond cleanout grants.

Project Contact Person

Katrina Kessler
 Assistant Commissioner
 651-757-2303

katrina.kessler@state.mn.us

Governor's Recommendation

The Governor recommends \$2 million in general obligation bonds for this request.

Pollution Control

Project Detail

(\$ in thousands)

Removal of PAH-Contamination Stormwater from Pond Sediments

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
General Obligation Bonds	\$ 0	\$ 2,000	\$ 0	\$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 0	\$ 2,000	\$ 0	\$ 0

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 0	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 0	\$ 0	\$ 0
Project Management	\$ 0	\$ 0	\$ 0	\$ 0
Construction	\$ 0	\$ 2,000	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 0	\$ 0
TOTAL	\$ 0	\$ 2,000	\$ 0	\$ 0

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2020	FY 2022	FY 2024
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 2,000	100 %
User Financing	\$ 0	0 %

STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?	Yes
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	N/A
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	N/A
Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?	N/A
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	N/A
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	N/A
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	Yes
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	Yes
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A

Capital Assistance Program: Clay County Transfer Station Build

AT A GLANCE

2020 Request Amount: \$8,500

Priority Ranking: 7

Project Summary: To build a new transfer station in Clay County, which includes a problem materials facility.

Project Description

Clay County has requested \$8.5 million in bond funding for Phase 2 for the purchase of land, construction of a new transfer station (TS) and problem materials facility, and equipment. The new transfer station will continue to send waste for processing to the Prairie Lakes Municipal Solid Waste Authority (PLMSWA) regional resource recovery facility located in Perham, and accept reject material that cannot be processed at the Perham facility.

Project Rationale

A new Transfer Station is needed to replace the outdated, dilapidated and undersized existing facility. The new TS will make it possible to meet current and future needs over the next 20 years, taking into account population growth and programs aimed at diversion from landfilling. The problem materials (household hazardous waste, electronic waste and oversized bulky waste, etc.) operations will also relocate to this site. Many hard to recycle materials, such as mattresses, are not regularly collected in most recycling programs, and as such, public systems need to be equipped to manage these so they do not end up in landfills. These hard to manage materials are not being sought by private sector partners for recycling, and those businesses have indicated to the MPCA they do not intend to enter that market. Building and expanding facilities will also create the needed capacity for continued growth.

Project Timeline

Project completion is dependent on Phase 2 funding/appropriation. Phase 1 of this project was legislatively awarded in 2015; Clay County has an executed CAP grant agreement that completed architectural design and engineering.

Other Considerations

CAP grants: \$600,000 authorized in 2015 for Phase 1; \$6.4 million requested in 2016 for Phase 2; \$7.3 million requested in 2018 for Phase 2. \$8.5 million request for Phase 2.

A noteworthy benefit of the project is the operational efficiencies expected to be gained at the new facility. The big gains will be in avoiding unwanted material currently being received at Perham (which causes them problems and costs), and avoided costs for Clay County and recovery of these materials versus landfilling, which is the current practice.

The Capital Assistance Program (CAP), under M.S. 115A.49 – 115A.541, is the MPCA’s main program to assist local governments in financing the infrastructure necessary for an effective integrated solid waste system. CAP is a competitive grant application process that provides financial assistance for local governments to develop various recovery facilities, which become part of the

integrated waste management system and conform to the Minnesota Waste Management Act (M.S.115A).

Impact on Agency Operating Budgets

The legislature authorizes a direct appropriation for the administrative costs of the Solid Waste Capital Assistance Program. This request does not affect our annual operating budget.

Description of Previous Appropriations

Laws, 2015, 1SS, Chapter 5, \$600,000 appropriated to Clay County for Phase I.
Previous appropriations for all grants funded under the Capital Assistance Program:
Laws 2018, Chapter 214 \$0.75 million
Laws 2017, 1SS, Chapter 8 \$9.25 million
Laws 2015, 1SS, Chapter 5 \$9.28 million
Laws 2014, Chapter 294 \$2.63 million
Laws 2011, SS Chapter 12 \$0.55 million
Laws 2010, Chapter 189 \$5.08 million
Laws 2006, Chapter 258 \$4.00 million
Laws 2005, Chapter 20 \$4.00 million
Laws 2002, Chapter 393 \$1.15 million
Laws 2000, Chapter 492 \$2.20 million
Laws 1999, Chapter 220 \$3.00 million
Laws 1998, Chapter 404 \$3.50 million
Laws 1996, Chapter 463 \$3.00 million
Laws 1994, Chapter 643 \$3.00 million
Laws 1992, Chapter 558 \$2.00 million
Laws 1990, Chapter 610 \$7.00 million
Laws 1987, Chapter 400 \$4.00 million
Laws 1985, Chapter 15 \$11.40 million
Laws 1980, Chapter 564 \$8.80 million
Total Appropriations \$84.59 million

Project Contact Person

Rick Patraw
Sustainability & Environmental Assistance
651-757-2460
rick.patraw@state.mn.us

Governor's Recommendation

The Governor recommends \$8.5 million in general obligation bonds for this request.

Pollution Control

Project Detail

(\$ in thousands)

Capital Assistance Program: Clay County Transfer Station Build

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
General Obligation Bonds	\$ 0	\$ 8,500	\$ 0	\$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 0	\$ 8,500	\$ 0	\$ 0

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 0	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 0	\$ 0	\$ 0
Project Management	\$ 0	\$ 0	\$ 0	\$ 0
Construction	\$ 0	\$ 8,500	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 0	\$ 0
TOTAL	\$ 0	\$ 8,500	\$ 0	\$ 0

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2020	FY 2022	FY 2024
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 8,500	100 %
User Financing	\$ 0	0 %

STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?	Yes
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	N/A
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	
Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?	
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	N/A
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	No
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	Yes
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A

Capital Assistance Program: Pope Douglas Solid Waste Management Campus Expansion

AT A GLANCE

2020 Request Amount: \$9,000

Priority Ranking: 8

Project Summary: To make required major project upgrades to the Pope Douglas Solid Waste Management Resource Recovery Campus, including equipment replacement/retrofit at the Materials Recovery Facility and land purchase to relocate the administration building and Household Hazardous Waste /Recycling/Reuse Facility. Total project costs also include construction of a regional organics composting facility.

Project Description

Pope Douglas Solid Waste Management (PDSWM), located in Alexandria, MN, provides recycling services and household hazardous waste collection to Pope and Douglas counties and processes garbage from seven counties in Greater Minnesota. Residents are actively using these services and have requested PDSWM to make the recycling center more readily accessible and accept additional items. The improvements envisioned in the proposed campus expansion will allow PDSWM to accept many additional items including mattresses, tires, electronics, ammunition and service very small hazardous waste customers in a much safer environment.

There are three parts to the total project, construct new Household Hazardous Waste (HHW) facility with advanced recycling & reuse drop site; expand Materials Recovery Facility(MRF) footprint; purchase/install new equipment to recover recyclables from waste; and construct an Organics Compost Facility.

The MRF processes approximately 85% MSW received at the facility and delivers it to the Waste to Energy (WTE) facility. The MRF which was installed in 2003 and after over 15 years needs major repairs. Many upgrades that have been made in material processing are not available to fit in the current space the MRF occupies. The WTE availability was above 91% in 2019 and has maintained an above industry average availability during its lifetime.

Because of the limited space and budget of previous expansions, the current Resource Recovery Campus is extremely undersized and congested. The tipping floors and pit space available are significantly below the capacity of other facilities of a similar size. The truck scale and MRF equipment is fully depreciated and needs replacement and replacement of in-kind equipment in the existing space will have little value. Commercial site traffic in addition to residents using the facility have led to significant congestion of the traffic and risk exposure to accidents. In order to make more space available, it is proposed to relocate the Environmental Learning Center and truck scale. The building shares many resources with the WTE and MRF facility, therefore needing to be located on adjacent property.

The relocation of the Environmental Learning Center along with re-routing the truck access to the site is a requirement for a much larger MRF building that will accommodate more efficient separating equipment.

The Regional Organics Composting Facility will partner with five neighboring counties and will be supported by tipping fees, finished compost sales and solid waste fees.

Project Rationale

The existing solid waste/recycling site campus and facilities are confined with no room for flexibility or expansion. Pope/Douglas Solid Waste hired GBB (Gershman, Brickner & Bratton, Inc), leading solid waste planning/3rd party consultants, to conduct a Pope/Douglas facilities assessment and recommendations for efficient operation of the multifaceted waste processing and recycling system. The existing Household Hazardous Waste/Administration Facility's location in the center of the campus make expansion and renovation impossible. Site commercial traffic flow is constricted and safety concerns exist with documented near misses and accidents. To enable enough room for expansion and renovation of the existing Materials Recovery Facility, the current household hazardous waste/administration facility would be moved off-site and expanded to meet the growing needs of the community. Once this facility is constructed, it would enable enough land area to expand and renovate the Materials Recovery Facility.

The current Materials Recovery Facility and tipping area was designed to handle and process only 1/3 of the current incoming waste. The existing Materials Recovery Facility equipment is worn out after extensive use. Modern equipment is able to pull out additional items from the waste stream including HDPE and PET plastic jugs/bottles and specially designed compostable bags for co-collection of organics recycling from households. Advanced sorting technologies, including robotics with artificial intelligence, will be set up to capture items that are not well-suited for human manual sorting.

The facility receives over 80,000 tons of garbage and recycling per year and produces clean renewable energy at its Waste to Energy facility for 3M, Alomere Hospital and Alexandria Tech and Community College. Current facility is severely undersized for the material accepted and vehicles served. Designed to handle less than 1,000 customers in 1993. The HHW Facility and Recycling Center are open year-round and together service over 36,000 customers per year. The current HHW facility is 800 square feet and serves 24% of the two-county population. The new facility would be 10,000 square feet to better align with HHW facilities throughout the state with similar usage levels.

Project Timeline

- Land Purchase Agreements – Fall/Winter 2019
- Final Building Design – Winter 2020
- Land Procurement – Spring 2021
- WTE Building Improvements – Summer 2021
- Final Design MRF Facility – Fall 2021
- Construction of HHW/Recycle Center Building- Spring 2022
- Construction of MRF Facility- Structure – Fall 2022
- Installation MRF Equipment – Spring 2023

Other Considerations

PDSWM is preparing for the future. It has recently approved bonding for an additional \$5 million for general WTE capital projects including a full crane replacement, renovation of locker rooms and

shower facilities, upgraded computer control system and network server and computerized maintenance management system. PDSWM is not looking for support for any of these projects. Over the life of the facility the majority of all capital projects have been self-funded. The original MRF project was self-funded in 2003 at a cost of over \$3.3 million. In 2011, when the WTE plant capacity was doubled, the full bonding for the project was carried by Pope and Douglas Counties in the amount of over \$17 million.

Pope/Douglas also operates several niche recycling programs and opportunities to advance recycling such as; agricultural plastic wrap recycling, boat wrap recycling, empty pesticide container recycling, coroplast/election sign style plastic recycling. With expansion, we would implement additional niche recycling opportunities such as; Styrofoam recycling/densifier, plastic film/bag collection and recycling, electronic/e-waste recycling drop off, appliance recycling drop-off, bulky items/mattresses/furniture disposal/reuse drop-off and seasonal resident pre-paid MSW bag drop-off.

Since 1987, Pope/Douglas has provided over \$61 million in facility construction/improvements compared to \$5.5 million in state grant dollars. Pope/Douglas is considered a significant regional resource and partner by providing in-kind, financial and technical assistance to a 7-county partnership to move items up the waste hierarchy.

The Capital Assistance Program (CAP), under M.S. 115A.49 – 115A.541, is the MPCA's main program to assist local governments in financing the infrastructure necessary for an effective integrated solid waste system. CAP is a competitive grant application process that provides financial assistance for local governments to develop various recovery facilities, which become part of the integrated waste management system and conform to the Minnesota Waste Management Act (M.S.115A).

Impact on Agency Operating Budgets

The legislature authorizes a direct appropriation for the administrative costs of the Solid Waste Capital Assistance Program. This request does not affect our annual operating budget.

Description of Previous Appropriations

Laws 2011, SS Chapter 12 \$0.55 million appropriated to PDSWM

Previous appropriations for all grants funded under the Capital Assistance Program:

Laws 2018, Chapter 214 \$0.75 million

Laws 2017, 1SS, Chapter 8 \$9.25 million

Laws 2015, 1SS, Chapter 5 \$9.28 million

Laws 2014, Chapter 294 \$2.63 million

Laws 2011, SS Chapter 12 \$0.55 million

Laws 2010, Chapter 189 \$5.08 million

Laws 2006, Chapter 258 \$4.00 million

Laws 2005, Chapter 20 \$4.00 million

Laws 2002, Chapter 393 \$1.15 million

Laws 2000, Chapter 492 \$2.20 million

Laws 1999, Chapter 220 \$3.00 million

Laws 1998, Chapter 404 \$3.50 million

Laws 1996, Chapter 463 \$3.00 million

Laws 1994, Chapter 643 \$3.00 million
Laws 1992, Chapter 558 \$2.00 million
Laws 1990, Chapter 610 \$7.00 million
Laws 1987, Chapter 400 \$4.00 million
Laws 1985, Chapter 15 \$11.40 million
Laws 1980, Chapter 564 \$8.80 million
Total Appropriations \$84.59 million

Project Contact Person

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Governor's Recommendation

The Governor recommends \$9 million in general obligation bonds for this request.

Pollution Control

Project Detail

(\$ in thousands)

Capital Assistance Program: Pope Douglas Solid Waste Management Campus Expansion

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
General Obligation Bonds	\$ 0	\$ 9,000	\$ 0	\$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 0	\$ 9,000	\$ 0	\$ 0

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 0	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 0	\$ 0	\$ 0
Project Management	\$ 0	\$ 0	\$ 0	\$ 0
Construction	\$ 0	\$ 9,000	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 0	\$ 0
TOTAL	\$ 0	\$ 9,000	\$ 0	\$ 0

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2020	FY 2022	FY 2024
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 9,000	100 %
User Financing	\$ 0	0 %

STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?	Yes
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	N/A
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	Yes
Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?	Yes
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	N/A
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	No
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	Yes
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A

Capital Assistance Program: Ramsey|Washington Recycling and Energy Center Expansion

AT A GLANCE

2020 Request Amount: \$8,000

Priority Ranking: 9

Project Summary: To construct an expansion to the tipping floor and purchase and install equipment to recover recyclables and organics (food waste) from trash for the Ramsey/Washington Recycling & Energy Center in Newport. This request is for a portion of the projected capital expenses for the project.

Project Description

The Ramsey/Washington Recycling & Energy Board (R&E Board) is a joint powers board created by Ramsey and Washington counties. The proposed project consists of two system enhancements at the Recycling & Energy Center (R&E Center), a publicly owned and operated 1,500 ton-per-day resource recovery facility in Newport, MN, that would improve solid waste management in Ramsey and Washington counties:

Durable Compostable Bags(DCB) organics recycling system. R&E is proposing a system for organics (food waste) collection for residents in the two counties using DCBs. Residents would use DCBs to collect organics and then place the DCBs in their garbage carts to be collected by their waste hauler as usual. The DCBs would be separated from municipal solid waste (MSW) at the R&E Center and transfer stations and then be sent to a compost facility or anaerobic digester. The proposed project would expand the R&E Center’s existing tipping floor building, modify the existing building, and install a processing line of conveyors and separators to mechanically recover DCBs, allowing for the implementation of this system.

Recyclables recovery system. R&E is proposing a system of equipment and infrastructure to remove additional recyclables from MSW at the R&E Center as a complement to the ferrous and non-ferrous recovery systems already in operation. Equipment would be added to the existing space in the processing building to recover several types of recyclable materials, including plastics #1 (PET) and #2 (HDPE), corrugated cardboard, and additional ferrous and non-ferrous metals for recycling. This system will also be capable of collecting organics not captured using the DCB system.

Project Rationale

Minnesota waste management statutes include a 75% recycling goal for the metropolitan area. Organics recycling is and will continue to be critical to reaching the state’s goals by 2030. Currently, there are no communities in Ramsey or Washington counties that have residential curbside organics collection programs. This has been attributed to factors including high start-up cost for municipalities, logistical barriers to implementation and distance of existing compost facilities and subsequent transportation costs (particularly for Washington County’s northern and eastern communities). The use of durable compostable bags has been identified as the most efficient and cost-effective method of collecting organics from residential and small commercial waste generators. The counties plan to

establish residential curbside collection using DCBs across both counties, which will require the installation of processing equipment at the R&E Center to mechanically separate the DCBs from MSW. A goal of 40% participation by residents has been established, which would result, at program maturity, in about 30,595 tons of collected organics being composted or anaerobically digested annually.

In addition to the two counties' strong pursuit of waste reduction and recycling to meet state goals, the counties have identified the need to develop enhanced systems to recover additional recyclables and organic waste. To get the most value from waste, a variety of methods need to be used. The counties, through R&E and independently, continue to invest significant resources into supporting recycling in homes and businesses and will continue to do so. But, despite decades of work, thousands of tons of recyclable materials remain in the trash. Hence the need for a second line of recovery: preprocessing waste to capture recyclables. The design of proposed recyclables recovery system at the R&E Center estimates the recovery of up to 33,000 tons of recyclables and organic materials (that were not captured in the DCB system) annually.

The Solid Waste Capital Assistance Program (CAP) provides grants to local governments to develop and implement an integrated solid waste management system. Integrated solid waste management systems include infrastructure that are essential public assets. The value of the system is how it enables preferred waste management practices consistent with the Minnesota Waste Management Act (M.S. 115A).

Project Timeline

Begin procurement of contractors for construction of the enhancements based on the final engineering design in June 2020. The R&E Board would also authorize financing not covered by bonding in June 2020, as well as amending the 2021 Facility and Joint Activities Budgets to reflect the enhancements timeline.

In September 2020, contracts for construction would be brought to the R&E Board for approval, as well as agreements with transfer stations for DCB separation at their facilities.

Construction would begin once necessary agreements with the state are executed to access state funds. The expected timeframe for construction is eighteen to twenty-four months.

In late 2022, at construction completion, there will be a period of acceptance testing and commissioning, and systems would be expected to be implemented for use starting near the end of 2022.

Other Considerations

In addition to the rationale discussed above, the proposed improvements to the R&E Center are innovative, collaborative, promote equity and economic development, and foster sustainable recycling systems in the greater Twin Cities metropolitan region.

Innovation & Collaboration

- This project is forward-looking, protecting health and the environment for current and future generations.
- The project creates value from waste, capturing nearly 64,000 tons annually for recycling, composting or anaerobic digestion that would otherwise be landfilled or incinerated.

- It is innovative, using cutting-edge technology and providing an example to other Minnesota counties.
- This work implements state waste management policy, will conserve natural resources and energy, and implement the state waste management hierarchy.
- The R&E Board is a leading example of two public entities collaborating to provide a necessary public service.
- A key element of this system is public/private partnerships – the counties will be working with the private sector in the collection, transfer, processing and marketing of organic waste.

Economic Development & Equity

- The completion of this project creates 18 new, permanent union jobs at the R&E Center in Newport, MN.
- Increasing recycling will help develop and support stronger Minnesota markets, especially for organics.
- The organics processing system, by distributing compostable bags to residents at no cost and utilizing existing trash collection service, provides equity and inclusiveness in service delivery in an affordable manner.

Fostering Sustainable Recycling Systems

- This project advances progress toward the regional recycling goal of 75% by 2030.
- This project, in conjunction with associated programs, provides an educational opportunity to promote waste reduction, reuse and recycling.
- With waste designation in place, which ensures a supply of raw material, the resource conservation benefits of the project are assured, and will last well into the future.
- Recycling is the gateway toward a circular economy, and this project is a significant step forward in that direction.

The Capital Assistance Program (CAP), under M.S. 115A.49 – 115A.541, is the MPCA's main program to assist local governments in financing the infrastructure necessary for an effective integrated solid waste system. CAP is a competitive grant application process that provides financial assistance for local governments to develop various recovery facilities, which become part of the integrated waste management system and conform to the Minnesota Waste Management Act (M.S.115A).

Impact on Agency Operating Budgets

The legislature authorizes a direct appropriation for the administrative costs of the Solid Waste Capital Assistance Program. This request does not affect our annual operating budget.

Description of Previous Appropriations

Previous appropriations for all grants funded under the Capital Assistance Program:

- Laws 2018, Chapter 214 \$0.75 million
- Laws 2017, 1SS, Chapter 8 \$9.25 million
- Laws 2015, 1SS, Chapter 5 \$9.28 million
- Laws 2014, Chapter 294 \$2.63 million
- Laws 2011, SS Chapter 12 \$0.55 million
- Laws 2010, Chapter 189 \$5.08 million

Laws 2006, Chapter 258 \$4.00 million
Laws 2005, Chapter 20 \$4.00 million
Laws 2002, Chapter 393 \$1.15 million
Laws 2000, Chapter 492 \$2.20 million
Laws 1999, Chapter 220 \$3.00 million
Laws 1998, Chapter 404 \$3.50 million
Laws 1996, Chapter 463 \$3.00 million
Laws 1994, Chapter 643 \$3.00 million
Laws 1992, Chapter 558 \$2.00 million
Laws 1990, Chapter 610 \$7.00 million
Laws 1987, Chapter 400 \$4.00 million
Laws 1985, Chapter 15 \$11.40 million
Laws 1980, Chapter 564 \$8.80 million
Total Appropriations \$84.59 million

Project Contact Person

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Sustainability & Environmental Assistance
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Governor's Recommendation

The Governor recommends \$8 million in general obligation bonds for this request.

Pollution Control

Project Detail

(\$ in thousands)

Capital Assistance Program: Ramsey|Washington Recycling and Energy Center Expansion

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
General Obligation Bonds	\$ 0	\$ 8,000	\$ 0	\$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 0	\$ 8,000	\$ 0	\$ 0

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 0	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 0	\$ 0	\$ 0
Project Management	\$ 0	\$ 0	\$ 0	\$ 0
Construction	\$ 0	\$ 8,000	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 0	\$ 0
TOTAL	\$ 0	\$ 8,000	\$ 0	\$ 0

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2020	FY 2022	FY 2024
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 8,000	100 %
User Financing	\$ 0	0 %

STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?	Yes
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	N/A
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	N/A
Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?	N/A
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	N/A
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	N/A
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	No
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	Yes
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A

Addressing Legacy Contaminants: Brookston Closed Landfill**AT A GLANCE****2020 Request Amount:** \$1,330**Priority Ranking:** 10**Project Summary:** The Brookston Area Landfill is a qualified facility according to the Landfill Cleanup Act. The landfill's cover is poor and inconsistent in quality, and has caused negative impacts to groundwater quality beneath the site. The landfill poses a risk to the environment. The new cover and gas system construction will manage this risk.**Project Description**

To consolidate existing waste and install a new engineered synthetic cover and passive gas system to mitigate environmental impacts and protect public health and safety.

Project Rationale

The Brookston Area Landfill is unlined and has an inadequate cover and gas venting system. Groundwater monitoring shows that elevated levels of manganese exist in the groundwater above safe drinking water standards. This is occurring because the leachate from the landfill is creating an environment beneath the site that is helping release naturally occurring manganese from the soils.

The Brookston Landfill is one of the landfills in the Closed Landfill Program that the state has responsibility for maintaining in perpetuity. There are 110 landfills currently in the Program, plus four others that are eligible for the Program (currently 114 sites are program-eligible).

Project Timeline

June 2019: Complete 90% design

February 2020: Hold public information meeting

June 2020: Complete final design, specifications, and bid documents

October 2020: Post bid documents

December 2020: Receive construction bids

March 2021: Begin Construction

December 2021: Finish Construction

Other Considerations

n/a

Impact on Agency Operating Budgets

Long term operation costs will be from appropriated non-bond Closed Landfill Program funding.

Description of Previous Appropriations

Laws of 2019, Chapter 02 \$10.3 million

Laws of 171, Chapter 08, 11.35 million

Laws of 2012, Chapter 393 \$2.00 million
Laws of 2011 1st SS, Chapter 12 \$7.00 million
Laws of 2010, Chapter 189 \$8.70 million
Laws of 2008 Revenue bonds not sold (\$25.00 million)
Laws of 2006, Chapter 258 \$10.80 million
Laws of 2005, Chapter 20 \$10.00 million
Laws of 2002, Chapter 393 \$10.00 million
Laws of 2001 1SS, Chapter 12 \$20.50 million
Laws of 1994, Chapter 639 \$34.38 million
Total to date \$105.88 million

Project Contact Person

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Governor's Recommendation

The Governor recommends \$1.33 million in general obligation bonds for this request.

Pollution Control

Project Detail

(\$ in thousands)

Addressing Legacy Contaminants: Brookston Closed Landfill

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
General Obligation Bonds	\$ 0	\$ 1,330	\$ 0	\$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 0	\$ 1,330	\$ 0	\$ 0

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 0	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 0	\$ 0	\$ 0
Project Management	\$ 0	\$ 0	\$ 0	\$ 0
Construction	\$ 0	\$ 1,330	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 0	\$ 0
TOTAL	\$ 0	\$ 1,330	\$ 0	\$ 0

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2020	FY 2022	FY 2024
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 1,330	100 %
User Financing	\$ 0	0 %

STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?	No
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	No
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	Yes
Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?	N/A
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	N/A
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	N/A
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	N/A
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	N/A
Is the required information included in this request?	Yes

Capital Assistance Program: Chisago County Household Hazardous Waste Facility Expansion

AT A GLANCE

2020 Request Amount: \$391

Priority Ranking: 11

Project Summary: To expand Chisago County’s Household Hazardous Waste Facility due to space constraints. The build out incorporates a site maximization plan for household hazardous waste and recycling purposes.

Project Description

The Chisago County Household Hazardous Waste Facility (HHW) is centrally located in North Branch, MN. The program has been serving the people of Chisago County since 1999, and regionally serving the people of Washington and Isanti Counties through reciprocal use and vouchers since 1999 and 2003 respectively.

The facility itself consists of a small office and product re-use merchandise area, and both an enclosed 1000 sq. ft. warehouse and an exposed but covered (open fence side walls) space with a small flammables shed. In total the facility utilizes 41% of its 41,000 sq. ft. site for parking, traffic flow, and warehouse/building space, and dedicates 3,500 sq. ft. of functional work area to serving all 19,871 households (54,297 residents) of Chisago County, as well as Washington and Isanti county residents through contractual agreements.

The Chisago County HHW facility was originally designed and constructed with CAP funding assistance as a modest and functional HHW handling facility, and was one of the first of its kind in 1999. As use has increased, the facility has processed tons (over 100 tons per year x 20 years = 4,000,000 pounds) of HHW materials and has served the public interests as a native landscape demonstration site; and early adoption alternative energy (2010 – 3.22 kW rooftop solar) project initiative location.

Project Rationale

Today, the community use and processing demands placed on the Chisago County HHW facility have outgrown all temporary lean-too, outdoor storage, and fenced in areas. It is typical to see customer vehicles extend off site spilling into the adjacent roadway waiting to be processed (even with only 4 minute per car processing time). HHW demands coupled with needed warehouse safety and efficiency driven modifications and improvements are the impetus behind the County’s 50% funding commitment in this \$782,000 CAP grant project. Chisago County sees the clear need to commit \$391,000 of local solid waste program funding and respectfully and enthusiastically requests the same amount from the CAP grant program.

Project Timeline

The proposed project timeline is:

Funding:

- a. Seek CAP funding at the 2020 Legislature
 - b. Ask Chisago County Board for increase in County Waste Management Property Tax Line Item Fee in 2020
2. Drawing of Architectural Plans: Winter of 2020
 3. Bidding of Project: Early Spring 2021
 4. Renovation Start Date: Summer 2021

Other Considerations

Overall, the renovated site will support and benefit not just the households of Chisago County but our regional partners and general recycling market readiness. Chisago County commissioned TKDA consultants to develop site plans and cost estimates to show support and to demonstrate local readiness and commitment to proceed with this project.

The Capital Assistance Program (CAP), under M.S. 115A.49 – 115A.541, is the MPCA’s main program to assist local governments in financing the infrastructure necessary for an effective integrated solid waste system. CAP is a competitive grant application process that provides financial assistance for local governments to develop various recovery facilities, which become part of the integrated waste management system and conform to the Minnesota Waste Management Act (M.S.115A).

Impact on Agency Operating Budgets

The legislature authorizes a direct appropriation for the administrative costs of the Solid Waste Capital Assistance Program. This request does not affect our annual operating budget.

Description of Previous Appropriations

Laws 1998, Chapter 404, \$109,000 appropriated to Chisago County to building HHW Facility.

Previous appropriations for all grants funded under the Capital Assistance Program:

- Laws 2018, Chapter 214 \$0.75 million
- Laws 2017, 1SS, Chapter 8 \$9.25 million
- Laws 2015, 1SS, Chapter 5 \$9.28 million
- Laws 2014, Chapter 294 \$2.63 million
- Laws 2011, SS Chapter 12 \$0.55 million
- Laws 2010, Chapter 189 \$5.08 million
- Laws 2006, Chapter 258 \$4.00 million
- Laws 2005, Chapter 20 \$4.00 million
- Laws 2002, Chapter 393 \$1.15 million
- Laws 2000, Chapter 492 \$2.20 million
- Laws 1999, Chapter 220 \$3.00 million
- Laws 1998, Chapter 404 \$3.50 million
- Laws 1996, Chapter 463 \$3.00 million
- Laws 1994, Chapter 643 \$3.00 million
- Laws 1992, Chapter 558 \$2.00 million
- Laws 1990, Chapter 610 \$7.00 million
- Laws 1987, Chapter 400 \$4.00 million

Laws 1985, Chapter 15 \$11.40 million
Laws 1980, Chapter 564 \$8.80 million
Total Appropriations \$84.59 million

Project Contact Person

Rick Patraw
Sustainability & Environmental Assistance
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Governor's Recommendation

The Governor recommends \$391,000 in general obligation bonds for this request.

Pollution Control

Project Detail

(\$ in thousands)

Capital Assistance Program: Chisago County Household Hazardous Waste Facility Expansion

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
General Obligation Bonds	\$ 0	\$ 391	\$ 0	\$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 0	\$ 391	\$ 0	\$ 0

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 0	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 0	\$ 0	\$ 0
Project Management	\$ 0	\$ 0	\$ 0	\$ 0
Construction	\$ 0	\$ 391	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 0	\$ 0
TOTAL	\$ 0	\$ 391	\$ 0	\$ 0

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2020	FY 2022	FY 2024
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 391	100 %
User Financing	\$ 0	0 %

STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?	Yes
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	N/A
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	
Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?	
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	N/A
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	No
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	Yes
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A

Capital Assistance Program: City of Coon Rapids Recycling Center Expansion

AT A GLANCE

2020 Request Amount: \$700

Priority Ranking: 12

Project Summary: To expand the current self-service recycling facility in Coon Rapids that focuses on collecting and processing hard to recycle materials including carpet, e-waste, appliances, and polystyrene.

Project Description

The Coon Rapids Recycling Center is a residential, self-service facility that focuses on hard to manage materials such as, polystyrene, appliances, carpet, mattresses, electronics; as well as oil, antifreeze, vegetable oil, and fire extinguishers. This project will expand the footprint of the facility and add additional equipment to further process recyclables. It will allow the Recycling Center to collect, store and manage greater volumes of material. Additionally, capacity will be created that allows for the collection of new commodities, such as boat wrap.

Project Rationale

The current Coon Rapids facility has maximized its operating capacity and is unable to respond to the demand to collect additional materials. 4500 cars per month utilize this self-serve location. The facility collects and recycles polystyrene, a material that is not traditionally recycled in Minnesota. The existing polystyrene densifier can be retrofitted with a hopper to pre-crush and mix the foam for a more consistent feedstock, however, the current ceiling height prohibits the installation of such equipment.

This facility serves Anoka County as a whole, and is not restricted to residents of the city. Several of the small drop-sites run by the county deliver materials to the Coon Rapids facility for processing. The facility is the only outlet in the county for recycling polystyrene and plastic film.

This expansion will increase collection days for all materials, provide necessary storage space that will reduce costs, and provide better traffic flow allowing for a safer entrance and exit to residents using the facility.

Project Timeline

Project timeline is contingent upon availability of state funding.

Other Considerations

The Capital Assistance Program (CAP), under M.S. 115A.49 – 115A.541, is the MPCA’s main program to assist local governments in financing the infrastructure necessary for an effective integrated solid waste system. CAP is a competitive grant application process that provides financial assistance for local governments to develop various recovery facilities, which become part of the integrated waste management system and conform to the Minnesota Waste Management Act (M.S.115A).

Impact on Agency Operating Budgets

The legislature authorizes a direct appropriation for the administrative costs of the Solid Waste Capital Assistance Program. This request does not affect our annual operating budget.

Description of Previous Appropriations

Previous appropriations for all grants funded under the Capital Assistance Program:

Laws 2018, Chapter 214 \$0.75 million
Laws 2017, 1SS, Chapter 8 \$9.25 million
Laws 2015, 1SS, Chapter 5 \$9.28 million
Laws 2014, Chapter 294 \$2.63 million
Laws 2011, SS Chapter 12 \$0.55 million
Laws 2010, Chapter 189 \$5.08 million
Laws 2006, Chapter 258 \$4.00 million
Laws 2005, Chapter 20 \$4.00 million
Laws 2002, Chapter 393 \$1.15 million
Laws 2000, Chapter 492 \$2.20 million
Laws 1999, Chapter 220 \$3.00 million
Laws 1998, Chapter 404 \$3.50 million
Laws 1996, Chapter 463 \$3.00 million
Laws 1994, Chapter 643 \$3.00 million
Laws 1992, Chapter 558 \$2.00 million
Laws 1990, Chapter 610 \$7.00 million
Laws 1987, Chapter 400 \$4.00 million
Laws 1985, Chapter 15 \$11.40 million
Laws 1980, Chapter 564 \$8.80 million
Total Appropriations \$84.59 million

Project Contact Person

Rick Patraw
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Governor's Recommendation

The Governor recommends \$700,000 in general obligation bonds for this request.

Pollution Control

Project Detail

(\$ in thousands)

Capital Assistance Program: City of Coon Rapids Recycling Center Expansion

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
General Obligation Bonds	\$ 0	\$ 700	\$ 0	\$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 0	\$ 700	\$ 0	\$ 0

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 0	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 0	\$ 0	\$ 0
Project Management	\$ 0	\$ 0	\$ 0	\$ 0
Construction	\$ 0	\$ 700	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 0	\$ 0
TOTAL	\$ 0	\$ 700	\$ 0	\$ 0

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2020	FY 2022	FY 2024
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 700	100 %
User Financing	\$ 0	0 %

STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?	Yes
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	N/A
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	N/A
Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?	Yes
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	N/A
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	No
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	N/A
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A

(\$ in thousands)

Capital Assistance Program: Dakota and Scott County Household Hazardous Waste and Recycling Facility

AT A GLANCE

2020 Request Amount: \$4,000

Priority Ranking: 13

Project Summary: To acquire land, design, construct, and equip a new regional household hazardous waste collection and recycling facility in Dakota County.

Project Description

Dakota County and Scott County are negotiating a partnership on a regional household hazardous waste and recycling facility to help keep hazardous waste and recyclables out of landfills and the environment.

The facility will be used to collect and properly manage household hazardous waste (e.g. electronics, paint, pesticides, batteries, fluorescent), recyclables (e.g. cans, plastic, paper, cardboard, scrap metal), and problem materials (e.g. tires, appliance, organics). The facility will be approximately 24,000 square feet on at least an eight-acre site which will allow for sufficient space for access drives, car and truck traffic, parking lots, and outdoor storage. The projected cost for the facility is \$11.6 million. The primary funding source for this project would be state bonding dollars, with matching County funds from money received through negotiated host fee agreements with the landfills located in Dakota County.

Project Rationale

Dakota County's and Scott County's existing household hazardous waste and recycling centers are insufficient to meet current and future needs. The two facilities properly manage almost seven million pounds of material per year from over 80,000 participants. Dakota County's facility already handles four times the capacity it was designed to accommodate, and Scott County's program growth is projected to be 325 percent by 2030. In addition, the large geographical area of Scott County and Dakota County results in underserved areas. In a recent survey, 25% of Dakota County residents that did not use the facility said it was either too far away or inconvenient.

A regional facility located in the Burnsville/Lakeville geographic area would increase participation by 32 percent by offering additional convenient opportunities to properly manage hazardous waste and recyclables. An additional site serving both counties also will prolong the life of the two existing facilities by slowing the growth at those sites.

This project will provide convenient and cost-effective drop-off locations for problem materials, household hazardous waste, and recyclables from residents and businesses from both Dakota County and Scott County. In addition, materials from residents living in the other five Twin Cities-area counties will be collected at the site through reciprocal use agreements with those counties. Problem materials, such as tires, appliances, pharmaceutical wastes, and hard-to-recycle items may also be collected. A drop-site for residential organics collection is also being considered.

Project Timeline

Q1 2019: Incorporate bonding request into legislative platform and secure consultant for site selection services (Complete)

Q2 2019: Present partnership concept to Scott County Board of Commissioners (Complete)

Q3 2019: Identify potential site location

Q4 2019: Finalize Cooperative Agreement with Scott County Board and Dakota County Board approvals to secure preferred site

Q1 2020: Design team selection and approval by the Board, then begin schematic design

Q2 2020: Complete schematic design and seek approval from the Dakota County Board of Commissioners, Start design development

Q3 2020: Complete design development and start construction documents

Q4 2020: Complete construction documents and bid the project

Q1 2021: Obtain County Board approval of construction General Contractor at January meeting, contract award, etc.

Q2 2021: Mobilize on site and active construction, 9 months +/-

Jan 2022: Open facility for use

Other Considerations

The facility's primary use will be for the collection and proper management of household hazardous waste, recyclables, and problem materials. A secondary use will include environmental education.

The Capital Assistance Program (CAP), under M.S. 115A.49 – 115A.541, is the MPCA's main program to assist local governments in financing the infrastructure necessary for an effective integrated solid waste system. CAP is a competitive grant application process that provides financial assistance for local governments to develop various recovery facilities, which become part of the integrated waste management system and conform to the Minnesota Waste Management Act (M.S.115A).

Impact on Agency Operating Budgets

The legislature authorizes a direct appropriation for the administrative costs of the Solid Waste Capital Assistance Program. This request does not affect our annual operating budget.

Description of Previous Appropriations

Previous appropriations for all grants funded under the Capital Assistance Program:

Laws 2018, Chapter 214 \$0.75 million

Laws 2017, 1SS, Chapter 8 \$9.25 million

Laws 2015, 1SS, Chapter 5 \$9.28 million

Laws 2014, Chapter 294 \$2.63 million

Laws 2011, SS Chapter 12 \$0.55 million

Laws 2010, Chapter 189 \$5.08 million

Laws 2006, Chapter 258 \$4.00 million

Laws 2005, Chapter 20 \$4.00 million

Laws 2002, Chapter 393 \$1.15 million

Laws 2000, Chapter 492 \$2.20 million

Laws 1999, Chapter 220 \$3.00 million

Laws 1998, Chapter 404 \$3.50 million
Laws 1996, Chapter 463 \$3.00 million
Laws 1994, Chapter 643 \$3.00 million
Laws 1992, Chapter 558 \$2.00 million
Laws 1990, Chapter 610 \$7.00 million
Laws 1987, Chapter 400 \$4.00 million
Laws 1985, Chapter 15 \$11.40 million
Laws 1980, Chapter 564 \$8.80 million
Total Appropriations \$84.59 million

Project Contact Person

Rick Patraw
Sustainability & Environmental Assistance
651-757-2460
rick.patraw@state.mn.us

Governor's Recommendation

The Governor recommends \$4 million in general obligation bonds for this request.

Pollution Control

Project Detail

(\$ in thousands)

Capital Assistance Program: Dakota and Scott County Household Hazardous Waste and Recycling Facility

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
General Obligation Bonds	\$ 0	\$ 4,000	\$ 0	\$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 0	\$ 4,000	\$ 0	\$ 0

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 0	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 0	\$ 0	\$ 0
Project Management	\$ 0	\$ 0	\$ 0	\$ 0
Construction	\$ 0	\$ 4,000	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 0	\$ 0
TOTAL	\$ 0	\$ 4,000	\$ 0	\$ 0

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2020	FY 2022	FY 2024
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 4,000	100 %
User Financing	\$ 0	0 %

STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?	Yes
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	N/A
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	Yes
Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?	Yes
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	N/A
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	No
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	Yes
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A

Capital Assistance Program: Hennepin County Organics Transfer Station Expansion

AT A GLANCE

2020 Request Amount: \$2,000

Priority Ranking: 14

Project Summary: To expand Hennepin County’s transfer station in Brooklyn Park to manage a larger quantity of source-separated organics and various streams of organics materials.

Project Description

This project will expand Hennepin County’s transfer station by adding an area on the east side of the facility that will be dedicated to receiving and storing organic material prior to loading it in end dump semi-trailers for delivery to composting sites. The expansion will provide ingress, egress, and maneuvering space for collection vehicles to dump organics; storage space to accumulate multiple streams of organics prior to loading into semi-trailers; space for semi-trailers to maneuver and park while being loaded; and space for a loader to operate while loading the organics.

An engineering firm completed an expansion feasibility assessment for the county in November 2013. They developed a conceptual layout of an expansion to the east side of the transfer station building that would occupy 13,850 square feet. The layout would add a new entrance door to the organics area for haulers delivering organics, construct a tipping and holding area for multiple organics streams, and allow egress from the organics area for haulers to exit the building through an existing exit. This expansion would also provide adequate space for loading the organics into semi-trailers for shipment to processing sites.

Project Rationale

In 2014, the state’s Waste Management Act was amended to increase the recycling goal for metropolitan counties. Metropolitan counties are tasked with meeting a 75% recycling goal by the year 2030. Given the composition of the waste stream, that goal can only be achieved if robust organics collection programs are in place. Organics wastes account for over 30% of the material currently discarded in Minnesota’s trash. The waste hauling industry uses transfer stations to consolidate material (trash, organics, recycling) at a centralized location for transport to, in this case, compost facilities located further distances from where the material was collected.

The quantity of incoming organics is expected to increase from 14,500 tons in 2016 to 25,000 or more tons per year in the next 3-5 years. Current space used at the Brooklyn Park transfer station for managing the organic material uses temporary space created by placing concrete bunkers in the mixed municipal solid waste (MSW) tipping area. This space has become inadequate to manage the incoming quantities of source-separated organics (SSO).

Project Timeline

Project timeline is contingent upon state funding.

Other Considerations

Minnesota has long used transfer stations to more efficiently collect and transport Municipal Solid Waste. However, very few transfer facilities currently utilize their available space for organics. Adding transfer capacity for organics will help position organics recycling programs to be cost effective by utilizing a proven strategy. Minnesotans have enthusiastically participated in organics recycling programs where they are offered.

The MPCA's SCORE report, which annually collects data on trash and recycling from counties, found that SSO collections had more than doubled in 2015 as compared to 2011. Investment in infrastructure to support organics recycling will be necessary to support continued growth and for counties to meet the goals in the Waste Management Act.

The Capital Assistance Program (CAP), under M.S. 115A.49 – 115A.541, is the MPCA's main program to assist local governments in financing the infrastructure necessary for an effective integrated solid waste system. CAP is a competitive grant application process that provides financial assistance for local governments to develop various recovery facilities, which become part of the integrated waste management system and conform to the Minnesota Waste Management Act (M.S.115A).

Impact on Agency Operating Budgets

The legislature authorizes a direct appropriation for the administrative costs of the Solid Waste Capital Assistance Program. This request does not affect our annual operating budget.

Description of Previous Appropriations

Previous appropriations for all grants funded under the Capital Assistance Program:

Laws 2018, Chapter 214	\$0.75 million
Laws 2017, 1SS, Chapter 8	\$9.25 million
Laws 2015, 1SS, Chapter 5	\$9.28 million
Laws 2014, Chapter 294	\$2.63 million
Laws 2011, SS Chapter 12	\$0.55 million
Laws 2010, Chapter 189	\$5.08 million
Laws 2006, Chapter 258	\$4.00 million
Laws 2005, Chapter 20	\$4.00 million
Laws 2002, Chapter 393	\$1.15 million
Laws 2000, Chapter 492	\$2.20 million
Laws 1999, Chapter 220	\$3.00 million
Laws 1998, Chapter 404	\$3.50 million
Laws 1996, Chapter 463	\$3.00 million
Laws 1994, Chapter 643	\$3.00 million
Laws 1992, Chapter 558	\$2.00 million
Laws 1990, Chapter 610	\$7.00 million
Laws 1987, Chapter 400	\$4.00 million
Laws 1985, Chapter 15	\$11.40 million
Laws 1980, Chapter 564	\$8.80 million
Total Appropriations	\$84.59 million

Project Contact Person

Rick Patraw
Sustainability & Environmental Assistance
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Governor's Recommendation

The Governor recommends \$2 million in general obligation bonds for this request.

Pollution Control

Project Detail

(\$ in thousands)

Capital Assistance Program: Hennepin County Organics Transfer Station Expansion

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
General Obligation Bonds	\$ 0	\$ 2,000	\$ 0	\$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 0	\$ 2,000	\$ 0	\$ 0

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 0	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 0	\$ 0	\$ 0
Project Management	\$ 0	\$ 0	\$ 0	\$ 0
Construction	\$ 0	\$ 2,000	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 0	\$ 0
TOTAL	\$ 0	\$ 2,000	\$ 0	\$ 0

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2020	FY 2022	FY 2024
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 2,000	100 %
User Financing	\$ 0	0 %

STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?	Yes
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	N/A
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	Yes
Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?	Yes
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	N/A
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	No
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	Yes
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A

Capital Assistance Program: Organics Infrastructure Projects

AT A GLANCE

2020 Request Amount: \$20,000

Priority Ranking: 15

Project Summary: To assist local governments to construct or expand capacity at compost facilities, design and construct regional anaerobic digestion facilities that will utilize food waste, acquire capital equipment to run facilities more efficiently, and/or add capacity at transfer stations.

Project Description

The solid waste industry uses transfer stations in centralized areas to consolidate waste, recyclables and/or organics so they can be more efficiently transported to an appropriate facility.

Projects will be funded through Solid Waste Capital Assistance Program (M.S. 115A.49-115A.541) grants to local governments to improve develop and implement an integrated solid waste management system enabling preferred waste management practices consistent with the Minnesota Waste Management Act (M.S. 115A).

Project Rationale

Minnesotans have embraced organics recycling in communities that offer them the opportunity to recycle organics. The MPCA’s Select Committee on Recycling and the Environment(SCORE) report, which annually collects data on trash and recycling from counties, found that Source Separated Organics (SSO) collections more than doubled from 2011 to 2015. Despite this growth, access to organics recycling facilities remains a challenge. Businesses, schools and institutions have difficulty finding service providers. As recently as 2013, the agency estimated only 8%-9% of residents had access to curbside organics recycling.

Compost facilities across the state greatly vary in their capacity and level of utilization. Expanded transfer capacity will aid all facilities and better position facilities further from densely populated areas to offer cost effective service. Transfer stations have been used by the hauling industry to reduce disposal costs by allowing for more efficient transportation of material, but only a handful of transfer stations currently accept organic materials.

One of the MPCA's Strategic Goals is to "Reduce food waste from households and businesses by generating less and rescuing and recycling more." Food waste needs to be properly managed as to both a waste and a resource. The use of this material in anaerobic digestion facilities could produce some combination of heat, electricity, biogas, and digestate for compost or soil amendment. Utilizing perceived “wastes” to maximize energy production and minimize greenhouse gas emissions is a benefit to the State.

Project Timeline

A request for proposal will be developed and published by October 2020. Grantees will be selected and awards completed by May 2021. Project completion will vary by award.

Other Considerations

The state's Waste Management Act was amended in 2014 to increase metropolitan counties' recycling goal to 75% by the 2030. Given the composition of the waste stream, that goal can only be achieved if robust organics collection and processing infrastructure programs are in place. Organic wastes account for over 30% of the material currently discarded in Minnesota's trash. Many communities in Greater Minnesota are also exploring organics recycling, but expansion has been difficult due in part to limited infrastructure.

Development of additional capacity would assist both public and private entities. Hauling companies need facilities that can accept organics in order to offer organics recycling. Businesses have the potential to reduce waste hauling bills if they have access to organics recycling.

Minnesota currently has facilities that are operated publicly, privately and as public/private partnerships. Expanding transfer capacity would assist facilities operating under any of those ownership models. Bringing additional compost and anaerobic digester facilities online is also critical. In the metro area existing facilities are at or near capacity. In Greater Minnesota many communities have expressed interest in adopting organics recycling but need access to a collection facility.

Impact on Agency Operating Budgets

The legislature an appropriation for the administrative costs of the Solid Waste Capital Assistance Program. This request does not impact our annual operating budget.

Description of Previous Appropriations

Laws 2018, Chapter 214	\$0.75 million
Laws 2017, 1SS, Chapter 8	\$9.25 million
Laws 2015, 1SS, Chapter 5	\$9.28 million
Laws 2014, Chapter 294	\$2.63 million
Laws 2011, SS Chapter 12	\$0.55 million
Laws 2010, Chapter 189	\$5.08 million
Laws 2006, Chapter 258	\$4.00 million
Laws 2005, Chapter 20	\$4.00 million
Laws 2002, Chapter 393	\$1.15 million
Laws 2000, Chapter 492	\$2.20 million
Laws 1999, Chapter 220	\$3.00 million
Laws 1998, Chapter 404	\$3.50 million
Laws 1996, Chapter 463	\$3.00 million
Laws 1994, Chapter 643	\$3.00 million
Laws 1992, Chapter 558	\$2.00 million
Laws 1990, Chapter 610	\$7.00 million
Laws 1987, Chapter 400	\$4.00 million
Laws 1985, Chapter 15	\$11.40 million
Laws 1980, Chapter 564	\$8.80 million
Total Appropriations	\$84.59 million

Project Contact Person

Rick Patraw
Sustainability & Environmental Assistance

651-757-2460
rick.patraw@state.mn.us

Governor's Recommendation

The Governor recommends \$10 million in general obligation bonds for this request.

Pollution Control

Project Detail

(\$ in thousands)

Capital Assistance Program: Organics Infrastructure Projects

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
General Obligation Bonds	\$ 0	\$ 20,000	\$ 0	\$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 0	\$ 20,000	\$ 0	\$ 0

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 0	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 0	\$ 0	\$ 0
Project Management	\$ 0	\$ 0	\$ 0	\$ 0
Construction	\$ 0	\$ 20,000	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 0	\$ 0
TOTAL	\$ 0	\$ 20,000	\$ 0	\$ 0

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2020	FY 2022	FY 2024
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 20,000	100 %
User Financing	\$ 0	0 %

STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?	Yes
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	N/A
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	Yes
Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?	Yes
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	N/A
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	N/A
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	No
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	Yes
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A

Addressing Legacy Contaminants: Perham Arsenic Superfund Site

AT A GLANCE

2020 Request Amount: \$8,000

Priority Ranking: 16

Project Summary: The superfund site management project will protect groundwater and soils through design, the demolition of existing buildings to access contaminated soil and excavation of remaining contaminated soil in the source area contamination located at the Perham Arsenic Site.

Project Description

The Perham Arsenic Site was historically used for the disposal of arsenic grasshopper bait. The site was listed on the State Superfund Priority List in 1984, and it is also on the National Priority List (Federal Superfund List). Arsenic contaminated soil remains on-site near the former burial pit. The \$8 million in state funds would be used to demolish existing buildings to access contaminated soil, and to fully excavate remaining contaminated soil, which requires acquiring property interest.

Project Rationale

The main purpose of the MPCA Site Remediation and Redevelopment program is to manage the risks associated with human exposure to Superfund contaminants in soil, water, and air, as well as to avoid the degradation of groundwater and surface waters. The Perham Arsenic Site is one of 51 Superfund sites being managed by MPCA.

Despite 20+ years of pumping and treating the site groundwater, arsenic contaminated soils will continue to come into contact with the groundwater and continue acting as a source for the contaminated groundwater, unless a remedy is implemented. The remaining contamination beneath the building is difficult to access and remediate. Unless the building is demolished and soil excavated, the source area contamination will continue to pose a risk to the groundwater.

Project Timeline

- FY21 - Legal and Property Interest Acquisitions
- FY22 - Design of the demolition and excavation
- FY23 - Start of construction and implementation of the remedial actions

Other Considerations

The proposed source area remediation aligns with the MPCA's mission of protecting human health and the environment.

Impact on Agency Operating Budgets

This site is currently a fund-financed Superfund site, and the annual budget allocated for the site is used for operations and maintenance of other response actions. This proposed source area remediation project is currently unfunded and no bonding funds have been used. If the funding were received and the source remedy could be completed, then it is anticipated the long-term operations of

the existing groundwater treatment system may be reduced. Therefore, future operation and maintenance costs that would have been needed to keep the systems operating long-term would be saved by implementing a source area treatment at the site.

Description of Previous Appropriations

No bonding funds have been previously appropriated for work at this site.

Project Contact Person

Jamie Wallerstedt
Manager, Site Remediation and Development
651-757-2094
jamie.wallerstedt@state.mn.us

Governor's Recommendation

The Governor recommends \$8 million in appropriation bonds for this request.

Pollution Control

Project Detail

(\$ in thousands)

Addressing Legacy Contaminants: Perham Arsenic Superfund Site

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
Appropriation Bonds	\$ 0	\$ 8,000	\$ 0	\$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 0	\$ 8,000	\$ 0	\$ 0

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 0	\$ 1,500	\$ 0	\$ 0
Design Fees	\$ 0	\$ 0	\$ 0	\$ 0
Project Management	\$ 0	\$ 1,400	\$ 0	\$ 0
Construction	\$ 0	\$ 5,100	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 0	\$ 0
TOTAL	\$ 0	\$ 8,000	\$ 0	\$ 0

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2020	FY 2022	FY 2024
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 8,000	100 %
User Financing	\$ 0	0 %

STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?	Yes
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	N/A
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	N/A
Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?	N/A
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	N/A
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	N/A
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	N/A
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A

Addressing Legacy Contaminants: Precision Plating State Superfund Site

AT A GLANCE

2020 Request Amount: \$6,000

Priority Ranking: 17

Project Summary: The superfund site management project will protect groundwater through predesign, design, and construction to clean up contaminated soil and groundwater at the Precision Plating Site.

Project Description

The Precision Plating Site was a metal plating facility that operated from 1961-2003. The Site was listed on the State Superfund Priority List in 2014. Soil, soil vapor, and groundwater is contaminated with chlorinated solvents, and metals are present in soil and groundwater. The \$6 million in state funds would be used to demolish the existing site building (currently in poor condition) to access contaminated soil, and to fully excavate the contaminated soil in the source area, which will require acquiring a property interest. Funds would also be used for the predesign, design, and construction to implement a remedial action to address the remaining impacted soil and groundwater at the site. This remediation would include both the excavation of contaminated soil and the implementation of a groundwater treatment injection technology.

Project Rationale

The main purpose of the MPCA Superfund program is to manage the risks associated with human exposure created by Superfund contaminants in soil, soil vapor, and water, as well as to avoid the degradation of groundwater and surface waters. The Precision Plating Site is one of 51 Superfund sites being managed by MPCA.

The existing soil contamination will continue to contribute to the contaminated groundwater into the future unless a remedy of the source area is implemented. As such, the source area soil contamination will continue to pose a risk for both contaminated groundwater migration and vapor intrusion into buildings. In addition, demolition of the site property building needs to occur due to both the poor condition of the building and to obtain access for remediation of the source area.

Project Timeline

- FY21 - Legal, property interest acquisitions, and predesign report
- FY22 - Building demolition and predesign for the remedial technology
- FY23 - Design of the remedial technology based on information from the predesign
- FY24 - Start of construction and implementation of the remedy

Other Considerations

The proposed source area remediation aligns with the MPCA's mission of protecting human health and the environment.

Impact on Agency Operating Budgets

The site is currently a fund-financed Superfund site, and the annual budget allocated for the site is used for additional sampling. The potential to reduce the long-term annual budget at this site will be determined once the additional remedy is implemented and effectiveness is monitored and established. The proposed property interest acquisition, demolition, and source area remediation (pre-design/design/construction) project is currently unfunded and no bonding funds have been used.

Description of Previous Appropriations

No bonding funds have previously appropriated for work at this dump.

Project Contact Person

Jamie Wallerstedt
Manager, Site Remediation and Development
651-757-2094
jamie.wallerstedt@state.mn.us

Governor's Recommendation

The Governor recommends \$6 million in appropriation bonds for this request.

Pollution Control

Project Detail

(\$ in thousands)

Addressing Legacy Contaminants: Precision Plating State Superfund Site

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
Appropriation Bonds	\$ 0	\$ 6,000	\$ 0	\$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 0	\$ 6,000	\$ 0	\$ 0

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 0	\$ 1,000	\$ 0	\$ 0
Pre-design Fees	\$ 0	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 600	\$ 0	\$ 0
Project Management	\$ 0	\$ 300	\$ 0	\$ 0
Construction	\$ 0	\$ 4,100	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 0	\$ 0
TOTAL	\$ 0	\$ 6,000	\$ 0	\$ 0

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2020	FY 2022	FY 2024
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 6,000	100 %
User Financing	\$ 0	0 %

STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?	Yes
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	N/A
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	N/A
Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?	N/A
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	N/A
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	N/A
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	N/A
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A

Capital Assistance Program: Todd County Campus Expansion

AT A GLANCE

2020 Request Amount: \$6,000

Priority Ranking: 18

Project Summary: To construct in Todd County a new transfer station, renovate existing transfer station into a regional single-stream materials recovery facility, and build/expand regional source-separated organic material composting facility.

Project Description

Todd County is looking to generate a regional solid waste collaboration for central Minnesota for source separated organic composting, single sort recycling and agriculture bags to help the region reduce its dependency on landfills and incinerators. Additionally, they are looking to construct a new transfer station on the property that will allow them to improve safety and operational efficiencies and correct deficiencies at the current facility.

The 30 year old existing facility is about one sixth of the needed size. It is functionally deficient and fails to meet numerous safety and code requirements (fire suppression, leachate collection, ceiling height, door height, etc.). To address solid waste transfer station operations, it is proposed that the County construct a new transfer station building that includes a separate HHW storage area, and office area. The proposed building would be located to the east of the existing transfer station building in the vicinity of the current yard waste composting operations. The new 16,000 sq ft transfer station’s tipping floor area provides approximately 500 tons of waste storage, assuming waste stacking of approximately 15 feet high or seven days of MSW storage based on the current average daily tonnage acceptance rate which will accommodate future growth. The tip floor will be adjacent to a transfer loadout bay sized to accommodate a 52 foot long semi-trailer (the longest walking floor trailer currently available). The transfer trailer bay will be partially recessed to allow a front loader to place waste into the trailer through the open top or to create a fully recessed roll-off container. The proposed tipping floor is accessed by four overhead doors to separate public and commercial traffic. The County currently has approximately 500 square feet of unheated building space to receive, process and store HHW materials. This is functionally deficient and fails to meet numerous safety and code requirements. A 1,675 sq ft room located west of the tip floor and north of the office is provided as a separate, dedicated HHW storage area.

The Todd County project will improve the deficiencies and inefficiencies of the existing facility:

- Construct a new transfer station, office, HHW facility, scale house and truck scale
- Improve traffic flow
- Bring in City utilities
- Renovate existing transfer station to allow expansion of MRF (The existing operations have already outgrown the existing facility. The proposed improvements will meet the observed regional need for single sort recycling.)

Project Rationale

The Facility's existing building was constructed in 1988 and was expanded in the early 1990's to add office space. The current building is in need of structural, cosmetic, and operational space improvements due to its age. The building's current configuration has several operational constraints due to the increase in waste volumes, types of waste managed by the County and due to changes in solid waste best management practices.

The current MSW tipping floor area is small, congested and a safety concern. The tipping floor is accessed by one door that is shared by both public and private haulers which causes traffic to back-up and makes it difficult to maneuver to avoid other vehicles, building and people. Additionally, the small size of the tipping floor does not allow them to store waste due to inclement weather or shut-downs at disposal facilities or allow them to segregate waste properly.

The facility serves approximately 24,500 county residents and is also open to commercial haulers. In 2017, the facility received 11,285 tons of MSW and 1,405 tons of recyclables or approximately 31 tons per day and 4 tons per day, respectively. The MSW is ultimately transferred for disposal to the Prairie Lakes Municipal Solid Waste Authority (PLMSWA) in Perham, Minnesota or to the Morrison County Landfill in Little Falls, Minnesota. Within the past few months, the County has begun accepting recyclables from the Counties of Douglas, Pope and Stearn and it anticipates that its annual recyclable tonnage could double within the year.

Project Timeline

Projects are contingent upon state funding. If appropriated the estimated project timeline is:

1. June 2020 Appropriation of funds
2. October 2020 complete pre-design
3. November 2021 complete permitting
4. March 2022 Bond for remaining local matching funds
5. May 2022 Advertise for Bids
6. June 2022 Open Bids
7. August 2022 Award Contract
8. December 2023 Complete Construction

Other Considerations

The size of the current HHW area is not large enough to manage and provide storage for the variety of types and volume of HHW materials received. In addition, the HHW location is not convenient for transfer station operators as they may not always be aware if someone is dropping off at the HHW facility.

Current accessibility and traffic flow are compressed in a small area. The combination of the current site traffic patterns and the mixed use by commercial and residential haulers is not conducive to safety. Additionally, there is insufficient parking for personnel, residents dropping off wastes, and other visitors, which causes additional congestion and safety concerns during busier periods. The existing building has no fire protection system or onsite hydrants for firefighting purposes due to only having a drinking water well as a water supply.

The Capital Assistance Program (CAP), under M.S. 115A.49 – 115A.541, is the MPCA's main program to assist local governments in financing the infrastructure necessary for an effective integrated solid waste system. CAP is a competitive grant application process that provides financial assistance for local governments to develop various recovery facilities, which become part of the integrated waste management system and conform to the Minnesota Waste Management Act (M.S.115A).

Impact on Agency Operating Budgets

The legislature authorizes a direct appropriation for the administrative costs of the Solid Waste Capital Assistance Program. This request does not affect our annual operating budget.

Description of Previous Appropriations

Previous appropriations for all grants funded under the Capital Assistance Program:

- Laws 2018, Chapter 214 \$0.75 million
- Laws 2017, 1SS, Chapter 8 \$9.25 million
- Laws 2015, 1SS, Chapter 5 \$9.28 million
- Laws 2014, Chapter 294 \$2.63 million
- Laws 2011, SS Chapter 12 \$0.55 million
- Laws 2010, Chapter 189 \$5.08 million
- Laws 2006, Chapter 258 \$4.00 million
- Laws 2005, Chapter 20 \$4.00 million
- Laws 2002, Chapter 393 \$1.15 million
- Laws 2000, Chapter 492 \$2.20 million
- Laws 1999, Chapter 220 \$3.00 million
- Laws 1998, Chapter 404 \$3.50 million
- Laws 1996, Chapter 463 \$3.00 million
- Laws 1994, Chapter 643 \$3.00 million
- Laws 1992, Chapter 558 \$2.00 million
- Laws 1990, Chapter 610 \$7.00 million
- Laws 1987, Chapter 400 \$4.00 million
- Laws 1985, Chapter 15 \$11.40 million
- Laws 1980, Chapter 564 \$8.80 million
- Total Appropriations \$84.59 million

Project Contact Person

Rick Patraw
Sustainability & Environmental Assistance
651-757-2460
rick.patraw@state.mn.us

Governor's Recommendation

The Governor recommends \$6 million in general obligation bonds for this request.

Pollution Control

Project Detail

(\$ in thousands)

Capital Assistance Program: Todd County Campus Expansion

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
General Obligation Bonds	\$ 0	\$ 6,000	\$ 0	\$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 0	\$ 6,000	\$ 0	\$ 0

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 0	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 0	\$ 0	\$ 0
Project Management	\$ 0	\$ 0	\$ 0	\$ 0
Construction	\$ 0	\$ 6,000	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 0	\$ 0
TOTAL	\$ 0	\$ 6,000	\$ 0	\$ 0

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2020	FY 2022	FY 2024
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 6,000	100 %
User Financing	\$ 0	0 %

STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?	Yes
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	N/A
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	Yes
Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?	Yes
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	N/A
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	No
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	Yes
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A

Capital Assistance Program: City of Minneapolis Transfer Station Renovation**AT A GLANCE****2020 Request Amount:** \$571**Priority Ranking:** 19**Project Summary:** To renovate an existing transfer station on the northside of the City of Minneapolis.**Project Description**

Solid Waste and Recycling (SW&R) is currently evaluating the relocation of the contractor operated, self-haul voucher program to the North Transfer Station and modifying the operations to a resource recovery facility that is operated by City staff. A consultant study that evaluates increased diversion and high-level impacts of these changes is nearing completion with the final recommendations expected in November 2019. Project implementation approval is expected by March 2020, with expenditure approval later that year.

Program goals are based on transfer station and resource recovery facility best practices, including proper staffing levels, efficiency improvement, increase in materials accepted for recycling or reuse, and reduction or elimination of landfilled materials, with minimal negative impact for City of Minneapolis SW&R customers.

Project Rationale

Each of the metro counties operate a drop-off site. Most accept household hazardous waste and a variety of other items that can be recycled. Minneapolis residents do not use Hennepin County's permanent drop-off facilities proportionate to making up 34% of the County's population. In 2017, Minneapolis residents only made up 8% of patrons to the County's Brooklyn Park location and 22% of usage at their Bloomington Facility. In 2018, Minneapolis residents only made up 8% of patrons to the County's Brooklyn Park location and 23% of usage at their Bloomington Facility. The City's South Transfer Station has more visits than the County's permanent facilities despite not accepting household hazardous waste.

Even with the City's curb and alley collection programs for recyclable large items (appliances, electronics, and mattresses), 84% of the City's transfer station users take advantage of the City's Voucher program.

Project Timeline

Final recommendations expected in November 2019. Project implementation approval is expected by March 2020

Other Considerations

Hennepin County's 2012-2023 Solid Waste Master Plan states a key finding of their outreach is that residents want increased convenience in pickup services for items that need to be dropped off, or improved drop off options by adding more locations and expanding hours. The Master Plan also

identifies equitable access as one of the guiding principles to their operations. SW&R's desire to modify its transfer station operations helps Hennepin County accomplish goals identified in its Solid Waste Master Plan and also helps meet City and County goals advancing equity and inclusion.

The Capital Assistance Program (CAP), under M.S. 115A.49 – 115A.541, is the MPCA's main program to assist local governments in financing the infrastructure necessary for an effective integrated solid waste system. CAP is a competitive grant application process that provides financial assistance for local governments to develop various recovery facilities, which become part of the integrated waste management system and conform to the Minnesota Waste Management Act (M.S.115A).

Impact on Agency Operating Budgets

The legislature authorizes a direct appropriation for the administrative costs of the Solid Waste Capital Assistance Program. This request does not affect our annual operating budget.

Description of Previous Appropriations

Previous appropriations for all grants funded under the Capital Assistance Program:

Laws 2018, Chapter 214 \$0.75 million
Laws 2017, 1SS, Chapter 8 \$9.25 million
Laws 2015, 1SS, Chapter 5 \$9.28 million
Laws 2014, Chapter 294 \$2.63 million
Laws 2011, SS Chapter 12 \$0.55 million
Laws 2010, Chapter 189 \$5.08 million
Laws 2006, Chapter 258 \$4.00 million
Laws 2005, Chapter 20 \$4.00 million
Laws 2002, Chapter 393 \$1.15 million
Laws 2000, Chapter 492 \$2.20 million
Laws 1999, Chapter 220 \$3.00 million
Laws 1998, Chapter 404 \$3.50 million
Laws 1996, Chapter 463 \$3.00 million
Laws 1994, Chapter 643 \$3.00 million
Laws 1992, Chapter 558 \$2.00 million
Laws 1990, Chapter 610 \$7.00 million
Laws 1987, Chapter 400 \$4.00 million
Laws 1985, Chapter 15 \$11.40 million
Laws 1980, Chapter 564 \$8.80 million
Total Appropriations \$84.59 million

Project Contact Person

Rick Patraw
Sustainability & Environmental Assistance
651-757-2460
rick.patraw@state.mn.us

Governor's Recommendation

The Governor recommends \$571,000 in general obligation bonds for this request.

Pollution Control

Project Detail

(\$ in thousands)

Capital Assistance Program: City of Minneapolis Transfer Station Renovation

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
General Obligation Bonds	\$ 0	\$ 571	\$ 0	\$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 0	\$ 571	\$ 0	\$ 0

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 0	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 0	\$ 0	\$ 0
Project Management	\$ 0	\$ 0	\$ 0	\$ 0
Construction	\$ 0	\$ 571	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 0	\$ 0
TOTAL	\$ 0	\$ 571	\$ 0	\$ 0

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2020	FY 2022	FY 2024
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 571	100 %
User Financing	\$ 0	0 %

STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?	Yes
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	N/A
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	Yes
Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?	Yes
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	N/A
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	No
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	Yes
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A