Pollution Control

Projects Summary

($ in thousands)

Project Title	Rank	Fund	Project Requests for State Funds 2018	2020	2022	Gov's Rec 2018	Gov's Planning Estimates 2020	2022
Waste Disposal Engineering Closed Landfill Program	1	GO	6,000	0	0	6,000	0	0
Freeway Closed Landfill Program	2	GO	52,763	34,000	0	52,763	0	0
MacGillis and Gibbs Superfund Site	3	GO	2,791	0	0	0	0	0
Perham Superfund Site	4	GO	1,031	0	0	0	0	0
Clay County CAP Project	5	GO	7,300	0	0	0	0	0
Hennepin County CAP Project	6	GO	2,000	0	0	0	0	0
Organics Infrastructure Capital Assistance Program	7	GO	5,000	0	0	5,000	0	0
Esko Superfund Site	8	GO	721	0	0	0	0	0
Long Prairie Superfund Site	9	GO	206	0	0	0	0	0
Superior Plating Superfund Site	10	GO	2,122	0	0	0	0	0
Coon Rapids CAP Project	11	GO	1,000	0	0	0	0	0
Rochester Ground Water Plum Superfund Site	12	GO	343	0	0	0	0	0
Winona Superfund Site	13	GO	206	0	0	0	0	0
Little Fork Superfund Site	14	GO	155	0	0	0	0	0
Schloff Superfund Site	15	GO	48	0	0	0	0	0
Becker County CAP Project	16	GO	675	0	0	0	0	0
Total Project Requests			82,361	34,000	0	63,763	0	0
General Obligation Bonds (GO) Total			82,361	34,000	0	63,763	0	0

Minnesota Pollution Control Agency — Agency Profile

www.pca.state.mn.us/

AT A GLANCE

- 900 employees in FY2016: 665 in St. Paul and 235 in seven regional offices; 33 of total are student/seasonal.
- Limit pollution to protect human health by issuing more than 16,700 permits.
- Monitor the condition of air, water, and land at more than 2,000 sites across the state.
- Protect non-polluted waters and restore waters that do not meet standards.
- Inspect and license more than 40,000 sites that involve hazardous waste, feedlots, and storage tanks.
- 250,000 people annually visit MPCA's Eco Experience exhibit at the Minnesota State Fair.
- 2013 Eco Experience exhibit received "People's Choice Award for Best Attraction" at the Minnesota State Fair.
- Seek guidance and approval on environmental issues from the MPCA Advisory Committee.
- Offer 13 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. We find and clean up spills or leaks that can affect our health and environment. We develop statewide policy, support environmental education, and help ensure pollution does not have a disproportionate impact on any group of citizens. Our mission is *to protect and improve our environment and enhance human health*.

We work with many partners — citizens, communities, businesses, government, environmental groups, and educators — to prevent pollution and conserve resources. Minnesota is a national model for environmental protection. Our air, land, and water are cleaner now than 40 years ago, even with a growing population and rising industrialization.

We play 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 our mission. We develop and enforce regulations, and provide education and technical assistance to help meet these regulations. Increasingly, our focus is on preventing pollution rather than just controlling or cleaning it up.

Our range of activities includes:

- Setting a data-driven environmental vision, goals and objectives through testing and research to identify environmental problems.
- Establishing strategic operational focus areas and corresponding goals in order to track progress on environmental objectives, including:
  - Water: Minnesota's clean water supports aquatic ecosystems, healthy communities and a strong economy
  - Air: Minnesota's clean and clear air supports healthy communities and strong economy
  - Land/Waste: Minnesota's Land supports healthy ecosystems and sustainable land uses
  - People & Approaches: Minnesotans and MPCA take action to protect our land, air and water
  - Operations: MPCA demonstrates excellence in operations
- Implementing key work systems and processes in prevention, management, clean-up, monitoring and assessment, and operations.
  - Monitoring environmental quality across the state and providing access to that data and information to citizens.
  - Setting standards, rules and policies that protect the environment and public health.
  - Providing assistance, partnerships and education to prevent pollution. For example, we train and certify wastewater operators, landfill inspectors, tank operators, and household hazardous waste facility staff and work with businesses to help them comply with environmental regulations.

- Issuing permits or licenses and enforcing environmental regulation.
- Finding and cleaning up contamination or pollution that affects our health and environment and responding to emergencies.
- Operational support, including HR, fiscal, data governance, communications and continuous improvement.

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 and Vision

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

The MPCA's vision includes:

- Minnesota's clean water supports aquatic ecosystems, healthy communities and a strong economy
- Minnesota's clean and clear air supports healthy communities and a strong economy
- Minnesota's land supports healthy ecosystems and sustainable land uses
- Minnesotans and the MPCA take actions to protect our land, water and air
- The MPCA demonstrates excellence in operations

The MPCA's Strategic Plan includes the following goals associated with each of the five vision statements.

Vision: Minnesota's clean water supports aquatic ecosystems, healthy communities and a strong economy

Goal: Lake, stream, wetland and groundwater conditions are evaluated and communicated.
Goal: Pollution from all Minnesota sources is reduced or prevented.
Goal: Minnesota's surface and groundwater management system is streamlined and effective.

Vision: Minnesota's clean and clear air supports healthy communities and a strong economy

Goal: Minnesota's outdoor air is healthy for all to breathe.
Goal: Minnesota reduces its contribution to regional, national and global air pollution.

Vision: Minnesota's land supports healthy ecosystems and sustainable land uses

Goal: Solid waste is managed to conserve materials, resources and energy.
Goal: Land is managed to prevent, minimize, or reduce the release of contaminants.
Goal: Contaminated sites are managed to reduce risks to human health and the environment and allow continued use or reuse.

Vision: Minnesotans and the MPCA take actions to protect our land, water and air

Goal: Businesses, public entities, formal and informal community groups and residents conserve resources and prevent pollution to protect the environment and support a strong economy.
Goal: MPCA regulatory programs are efficient and effective.
Goal: Minnesotans better understand the connections between individual decisions and environmental effects.
Goal: Pollution does not have a disproportionate negative impact on any group of people.

Vision: The MPCA demonstrates excellence in operations

Goal: The MPCA continuously strives for improvement and regularly evaluates performance.
Goal: The MPCA recruits and retains an engaged, motivated, and creative workforce.
Goal: Delivery of MCPA data and services is timely, transparent and reliable.

Factors Impacting Facilities or Capital Programs

Superfund Treatment System Initiative
The annual Superfund budget is unable to absorb the prohibitive costs that exist for many Superfund sites requiring long-term capital investment, while also managing 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.

Closed Landfill Construction Program
Passage of the Landfill Cleanup Act in the early 1990s authorized us to ensure landfills are closed 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 113 closed landfills qualified under program requirements, 14 are privately owned, 43 are state owned, and 56 are owned by counties and cities. Program staff conducts 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, we proceed 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 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.

The municipal solid waste (MSW) stream grew from 4.0 million tons per year in 1991 to 5.5 million tons per year in 2015, an increase of 38 percent. Waste generation during the 2000s (2000-2009) grew at a rate of less than 1 percent, in contrast to the 33 percent increase observed in the previous ten years (1990-1999). Since 1991, recycling has increased from 39 percent to 44 percent of total managed municipal solid waste (MSW), resource recovery has fallen from 37 percent to 23 percent, and waste disposal in landfills increased from 22 percent to 32 percent. Overall, recycling and resource recovery have fallen from 76 percent to 67 percent in 2015 while landfilling waste is on the rise. Insufficient processing capacity is an important factor in these worsening trends. Minnesota is losing ground developing its statewide-integrated solid waste management system.

CAP has played an important role in Minnesota's shift from a total reliance on landfills to resource recovery and waste processing. In 1969, 136 MSW landfills were permitted to accept MSW. 40 years later in 2009, only 21 landfills continue to accept MSW.

Self-Assessment of Agency Facilities and Assets

Superfund Treatment System Initiative
Many of the Superfund sites targeted through this initiative have existing treatment systems on the verge of complete failure. Should this occur and contaminants are not captured and properly treated, Minnesotans would be at risk from exposure to contaminants in drinking water and soil vapors. A portion of this initiative will be used to design and construct four new large-scale treatment systems.

Some Superfund sites also require multi-million dollar capital investments to design and implement new treatment systems to prevent Minnesotan's from being exposed to hazardous chemicals. A portion of this initiative will be directed to complete critical repairs and optimization evaluations at seven existing treatment systems in Minnesota.

Closed Landfill Construction Program
At the end of FY 2017 we reported a 30 year state obligation estimate for qualified closed landfills as approximately $243 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 three closed landfills covered by the program in the next five years, two of which will require capital bonding. $11.35 million of capital funding has already been authorized for removal of a hazardous waste pit at the Waste Disposal Engineering Landfill. Work on the Freeway Landfill is expected to begin in FY 2020 and cost $90 million to prevent contaminated groundwater from impacting the Minnesota River. If a request for capital bonding for the Freeway Landfill is not authorized during the 2018 legislative session, construction will be significantly delayed. Limited resources for remedial construction are available from the Remediation Fund. Unexpected remedial construction projects or less significant fixes at other privately and publicly owned closed landfills also compete for construction resources from the Remediation Fund. Given the limited resources in this fund, construction projects deferred to future years will come at a higher cost due to inflation, and in many cases delays our ability to address and correct groundwater contamination.

Capital Assistance Program.
Since 1980, the Legislature has authorized approximately $74 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 special waste stream processing facilities. Public willingness, local government commitment, CAP funding and our 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% 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 a waste processing facility.

Agency Process for Determining Capital Requests

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

Superfund Treatment System Initiative
Nine sites are identified in the Superfund initiative that either need critical repairs to existing treatment systems or large-scale capital investments to design and construct new treatment systems.

Closed Landfill Program
We have 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 our 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 our current CAP request, we relied on interest expressed by current applicants and an assessment of the existing Integrated Solid Waste Management System. We base the need for CAP grant funding on the planning work done by counties, our Preliminary Assessment of Regional Waste Management Capacity Report, the Solid Waste Policy Report, and the Metropolitan Policy Plan. We also rank grant applications on project readiness and need.

Major Capital Projects Authorized in 2016 and 2017

L2014, Chapter 294, Art 1, sec 8		
Capital Assistance Program	Becker County	$2,625,000
L2015, 1SS, Chapter 5, Art 1, sec 5		
Capital Assistance Program	Polk County	$8,000,000
Capital Assistance Program	Clay County	$600,000
Capital Assistance Program	McLeod County	$600,000
Capital Assistance Program	Dodge County	$56,000
Capital Assistance Program	Western Lake Superior Sanitary District	$20,000
Superfund Drinking Water	Cities of Spring Park and Bayport	$1,750,000
L2017, 1SS, Chapter 8, Art 1, sec 7		
St. Louis River Area of Concern	St. Louis River Cleanup	$25,410,000
Closed Landfill Program	Waste Disposal Eng. Landfill	$11,350,000
Capital Assistance Program	Polk County	$9,250,000

($ in thousands)

Waste Disposal Engineering Closed Landfill Program

AT A GLANCE

2018 Request Amount:	$6,000
Priority Ranking:	1
Project Summary:	$6.0 million is requested to clean up a leaking hazardous waste pit located located in the City of Andover to protect groundwater from additional contamination and prevent gas and vapor intrusion to residential homes and businesses by digging up and removing the most hazardous waste and contaminated soils, and properly close the pit within the landfill for containment of the materials that will remain at the site.

Project Description

The 122 acre WDE Landfill include a state-permitted asphalt-lined pit used for disposal of more than 6,000 barrels of hazardous wastes over a 14 month timeframe from 1972-74. The hazardous waste pit is leaking, contaminating groundwater and presenting other health and environmental concerns. Residential development is 200 feet from the landfill. While many homes are served by municipal water supplies, concerns exist with regard to groundwater contamination and gas and vapor migration. Four remediation systems are in place to contain gas and water contamination at a cost of over $400,000 per year; it would be an extreme emergency should these systems fail. Environmental investigation funded by earlier legislative actions has revealed that contamination is worse than anticipated. The additional bond funds would be used to address increased costs to design and implement the safe removal and disposal of hazardous waste as well as a greater amount of contaminated soils beneath the pit than originally planned, and to reconstruct a portion of the landfill.

Project Rationale

The main purpose of the Closed Landfill Program is to manage the risks associated with human exposure to landfill contaminants and landfill gas, as well as to avoid the degradation of groundwater and surface waters. Currently, 113 landfills are eligible for the Closed Landfill Program.

Project Timeline

December 2017 - February 2018: Further investigation of hazardous waste pit and nearby residential wells (with dollars already appropriated); February 2018 - August 18: predesign and design; November 18 - March 19: construction

Other Considerations

Impact on Agency Operating Budgets

The legislature authorizes a direct appropriation from the Remediation Fund for the administrative costs of the Closed Landfill Program. This request for capitol bonding does not affect our annual operating budget.

Description of Previous Appropriations

Laws of 2017, 1SS, Chapter 8, $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 $6 million in general obligation bonds for this request.

($ in thousands)

Waste Disposal Engineering Closed Landfill Program

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
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 2018	FY 2020	FY 2022
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**

**Inflation is already included in project costs.*

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
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?	No
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 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, 2022?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 174.93: Guideway Project	
Is this a Guideway Project?	
Is the required information included in this request?	

($ in thousands)

Freeway Closed Landfill Program

AT A GLANCE

2018 Request Amount:	$52,763
Priority Ranking:	2
Project Summary:	$86.763 million in state funds is requested for needed construction at the Freeway Landfill to protect groundwater to either cover or relocate waste from the Freeway Dump.

Project Description

The Freeway Landfill has been listed on the federal Supderfund National Priorities List since the mid-1980s. When the adjacent Kraemer Quarry stops pumping out 8.5-million gallons per day, groundwater modeling indicates that the waste from the Freeway Landfill will be under water, jeopardizing the Minnesota River and the drinking water source for the Cities of Burnsville and Savage. The MPCA's proposed remediation plan calls for all of the waste to be excavated and moved onto lined cells that will be built within the footprint of the existing landfill property. The Freeway Dump, adjacent to the landfill, is known to contain similar waste. The dump needs to be investigated to determine whether a cover-in-place option is sufficient, or the waste needs to be excavated and transported to the new lined cells at the landfill.

Project Rationale

The main purpose of the Closed Landfill Program (CLP) is to manage the risks associated with human exposure to landfill contaminants and landfill gas, as well as to avoid the degradation of groundwaterand surface waters. Currently, 113 landfills are eligible for the Closed Landfill Program.

Project Timeline

December 2017: Commence legal action to gain access for investigation
December 2017-April 2018: Site Investigation and preliminary project design
April 2018-Feb 2019: Further investigation and refinement of design
June 2019: Final design approved
July 2019: Construction bid awarded
June 2024: Construction completed

Other Considerations

Impact on Agency Operating Budgets

The capital bonding request does not impact the MPCAs operating budget. The legislature authorizes a direct appropriation from the Remediation Fund for the administrative costs of the Closed Landfill Program.

Description of Previous Appropriations

Laws 2017, 1SS, Chapter 8 $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 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 $94.93 million

Laws of 2008 Revenue bonds not sold ($25.00 million)

Project Contact Person

Jane Braun
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Governor's Recommendation

The Governor recommends $52.763 million in general obligation bonds for this request.

($ in thousands)

Freeway Closed Landfill Program

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
State Funds Requested				
General Obligation Bonds	$ 0	$ 52,763	$ 34,000	$ 0
Other Funding	$ 3,000	$ 0	$ 0	$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	**$ 3,000**	**$ 52,763**	**$ 34,000**	**$ 0**

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	$ 0	$ 0	$ 0	$ 0
Predesign Fees	$ 0	$ 0	$ 0	$ 0
Design Fees	$ 0	$ 3,000	$ 0	$ 0
Project Management	$ 0	$ 2,000	$ 2,000	$ 0
Construction	$ 3,000	$ 47,763	$ 32,000	$ 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	**$ 3,000**	**$ 52,763**	**$ 34,000**	**$ 0**

**Inflation is already included in project costs.*

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
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	$ 52,763	100 %

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
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?	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 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, 2022?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 174.93: Guideway Project	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

($ in thousands)

MacGillis and Gibbs Superfund Site

AT A GLANCE

2018 Request Amount:	$2,791
Priority Ranking:	3
Project Summary:	The MPCA is requesting $2,791,000 in state funds to repair a failing remedy in place at a wood treatment facility release. Of these funds, $791,000 will be used to construct a new system that will not require routine repairs. $2,000,000 will be used to design and construct an additional source area remedy to expedite closure. These actions will be completed at the MacGillis and Gibbs Superfund Site in New Brighton, Minnesota under the oversight of the MPCA's Superfund Program.

Project Description

State bonding funds will be used at this site to design and complete critical repairs at an existing groundwater treatment system. The groundwater treatment system was constructed over 15 years ago and has recently failed numerous times due to lack of funds available for replacement of the system. The existing treatment process is a process that requires frequent maintenance and it generates a waste product that requires disposal. The proposed treatment system will require less maintenance and will not generate a waste product. The bonding funds will also be used to pre-design, and design a supplemental source remedy that will accelerate the time to complete the overall site cleanup.

Project Rationale

The MacGillis and Gibbs Site (Site) is listed on both the National Priorities List with the U.S. Environmental Protection Agency (USEPA) and the State Superfund List. Wood treating began at the Site in the 1920's. The wood treatment operations changed over time during which PCP, creosote and chromium copper arsenate (CCA) were used in the preserving process. The MacGillis and Gibbs facility ceased operations in 1997.

The Site was formerly being investigated and managed by the USEPA under the Comprehensive Environmental Response and Liability Act (CERCLA) because no responsible party was identified. However, if there is no responsible party identified under CERCLA, once a remedy has been implemented and in place for 10 years, the USEPA can no longer spend federal money on the operations and maintenance of the remedy. The responsibility to operate and maintain the remedy in those situations is transitioned to the state. Therefore, since 2011, the MPCA has been responsible for the operations and maintenance of the Site remedy.

The remedial objectives of the groundwater treatment system are to: (1) control the source of groundwater contamination, (2) prevent further contamination down gradient of the Site, and (3) decrease contaminant concentrations beyond the Site to acceptable levels. The groundwater treatment system has been in place for over 15 years and has been failing on a number of occasions and at times, the pumping has ceased operations for short periods of time while the repairs were made. The system is currently in need of extensive repairs and eventual replacement.

Project Timeline

The state is currently working to fund the predesign, engineering, and design for the treatment system replacement and the source remedy treatability study. The proposed project is planned to be construction and implemented in calendar year 2018 with final completion in calendar year 2019.

Other Considerations

The bonding request of $2,791,000 will fund the design and replacement of the existing groundwater treatment system that is currently in need of repair in addition to implementing a source area remedy. A treatability study is planned for calendar 2018 to identify the scope for completing the additional source remedy. The objectives for this study are to determine the best alternative for a source area remedy based on current groundwater conditions.

Impact on Agency Operating Budgets

Staffing costs for project management and other support functions will be paid through existing State Superfund program funds for the duration of this bonding project request.

Description of Previous Appropriations

No previous capital bonding appropriations have been awarded to this site.

Project Contact Person

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Governor's Recommendation

The Governor does not recommend capital funding for this request.

($ in thousands)

MacGillis and Gibbs Superfund Site

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
State Funds Requested				
General Obligation Bonds	$ 0	$ 2,791	$ 0	$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	**$ 0**	**$ 2,791**	**$ 0**	**$ 0**

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	$ 0	$ 0	$ 0	$ 0
Predesign Fees	$ 0	$ 125	$ 0	$ 0
Design Fees	$ 0	$ 279	$ 0	$ 0
Project Management	$ 0	$ 0	$ 0	$ 0
Construction	$ 0	$ 2,387	$ 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**	**$ 2,791**	**$ 0**	**$ 0**

**Inflation is already included in project costs.*

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
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	$ 2,791	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 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)?	N/A
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	N/A
M.S. 174.93: Guideway Project	
Is this a Guideway Project?	No
Is the required information included in this request?	Yes

Perham Superfund Site

AT A GLANCE

2018 Request Amount:	$1,031
Priority Ranking:	4
Project Summary:	The Minnesota Pollution Control Agency (MPCA) is requesting $1,031,000 in state bonding dollars to design and update a remedy installed in the early 1980's to treat arsenic-contaminated groundwater. These actions will be completed at the Perham Arsenic site (Site) in Perham, Minnesota under the oversight of the MPCA's Superfund Program.

Project Description

State bonding dollars will be used to design and repair the existing treatment system that is needed to prevent immediate risks to human health and the environment. Bonding funds will also be used to complete a pre-design and design evaluation to identify treatment alternatives that will more effectively reduce the contaminant sources. The work will also include installing new groundwater treatment wells to expand the area where groundwater is treated. These funds will allow the MPCA to more aggressively treat the source area so that clean up levels can be reached sooner which will result in decreased annual monitoring costs per year.

Project Rationale

During the grasshopper infestation of the 1930s and 1940s, the U.S. Department of Agriculture (USDA) distributed lead arsenate to several counties in Minnesota for use as grasshopper bait. The bait was dispersed around farm fields to prevent crop loss. Otter Tail County, located in northwestern Minnesota was included in the distribution program. The East Otter Tail County Fairgrounds located in Perham, MN was used as a missing station and depository for pure (unmixed) lead arsenate and unused arsenic-based grasshopper bait. In 1947, approximately 200 to 2,500 pounds of unused arsenic-based grasshopper bait was buried in a shallow pit in the southwest corner of the fair grounds. In 1971, the property immediately adjacent to the arsenic pit was purchased by Hammers Construction Company (Hammers) to construct the company's office and warehouse. In May 1972, Hammers installed a 31-foot deep well. In June 1972, 11 employees drank from the drinking water well and became sick, including two employees who suffered permanent health effects.

Between 1972 and 1982, several investigations were completed to determine the extent of contamination. The burial pit was identified as the source of the contamination and it was capped with a clay cover in 1982 to reduce rain infiltration and leaching of arsenic to the groundwater. The site was included on the MPCA's Permanent List of Priorities (PLP) in 1983, and it was placed on the USEPA's National Priorities List (NPL) in 1984. Over the years, a number of activities have occurred at the site including, excavation, installation of liners and capping. Ultimately, in 1994, a Record of Decision was signed by the USEPA establishing a remedy that included pumping and treating the arsenic-contaminated groundwater. The groundwater pump and treat system was put into service in 1998. MPCA has been operating the long-term system operation and maintenance (O&M) of the treatment system since that time

Project Timeline

Design and updates to the existing treatment system will occur in calendar year 2018 in an effort to implement immediate corrective actions as soon as possible. New groundwater treatment wells will also be installed in calendar year 2018 which will decrease the strain placed on the current well field.

Pre-design and design activities to reduce the contaminant sources would occur in state fiscal year 2019

Other Considerations

The MPCA has established restrictive covenants that prohibit redevelopment and well construction near this site. The schedule to clean up the Site, however, has been extended from the originally identified 6 years. This delay is the result of limited funding that is needed to effectively update the existing remedy. The system has been in-place for 19 years with limited budget during this time for routine upkeep. Because of this, the treatment system has been unable to meet the cleanup goals established for the site. In addition, the system has had multiple failures resulting in extra costs incurred by the Superfund Program.

Impact on Agency Operating Budgets

Staffing costs for project management and other support functions will be paid through existing State Superfund program funds for the duration of this bonding project request. Since 2012, the program has spent approximately $161,000 per year for this site. The total costs incurred at this site between 2012 through 2017 for the current, failing treatment system will be $966,809.

Description of Previous Appropriations

No previous capital bonding appropriations have been awarded for this project.

Project Contact Person

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Governor's Recommendation

The Governor does not recommend capital funding for this request.

($ in thousands)

Perham Superfund Site

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
State Funds Requested				
General Obligation Bonds	$ 0	$ 1,031	$ 0	$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	**$ 0**	**$ 1,031**	**$ 0**	**$ 0**

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	$ 0	$ 0	$ 0	$ 0
Predesign Fees	$ 0	$ 0	$ 0	$ 0
Design Fees	$ 0	$ 150	$ 0	$ 0
Project Management	$ 0	$ 0	$ 0	$ 0
Construction	$ 0	$ 881	$ 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**	**$ 1,031**	**$ 0**	**$ 0**

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
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	$ 1,031	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 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)?	N/A
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	N/A
M.S. 174.93: Guideway Project	
Is this a Guideway Project?	No
Is the required information included in this request?	Yes

($ in thousands)

Clay County CAP Project

AT A GLANCE

2018 Request Amount:	$7,300
Priority Ranking:	5
Project Summary:	$7.3 million is requested by Becker County to implement a new transfer station that advances integrated solid waste management in Minnesota.

Project Description

This Capital Assistance Program (CAP) bonding request will provide a grant to Clay County to implement a new transfer station (TS) that advances an integrated solid waste management in accordance with the Waste Management Act. The effort will create the capacity to recycle additional materials, improve management of problem materials, create efficiencies in processes, and respond and react to changing waste streams.

Clay County has requested $7.3 million in bond funding for Phase II for the purchase of land, construction of a new transfer station and problem materials facility, and equipment. The new TS 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.

Additionally, the new TS will separate commercial haulers from a residential drop-off area, provide a large enough the removal of bulky and hazardous items, and will improve the overall efficiency and safety of residents, haulers, city and county staff and workers of the PLMSWA.

Project Rationale

This project addresses many challenges with the existing waste management system. The MPCA supports this effort, as highlighted in the 2015 Solid Waste Policy Report to the Legislature. The waste stream is constantly evolving with new types of materials, the ability to recycle more materials, and drivers such as economic growth and purchasing practices.

The trend to collect single-stream as opposed to source-separated recyclables means recycling facilities need to respond by updating equipment and design in order to process these materials. Not only is material entering facilities differently, but the volume of material is also increasing with changes in collection and the ability to recycle additional materials.

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.

The new TS is needed to replace the outdated, dilapidated and undersized existing facility, and will also create the needed capacity for continued growth. (M.S. 115A).

Project Timeline

Project timeline is dependent on the bonding appropriation, CAP grant application review process, and grant agreement execution. Clay County will be required to complete the CAP grant application prior to any funding being released. It is anticipated the county will be prepared to begin projects following grant execution.

Other Considerations

Implementation of this project will create capacity that allows for the potential of future growth of materials management solutions, including increased waste generated, the addition of advanced equipment and new technology, and expanded facility operation to include additional shifts.

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.

Impact on Agency Operating Budgets

This capital bonding request does not impact the MPCA's annual operating budget. The legislature authorizes a direct appropriation from the Environmental Fund for the administrative costs of the Solid Waste Capital Assistance Program.

Description of Previous Appropriations

Laws 2015, 1SS, Chapter 5, $600,000 appropriated to Clay Count for Phase 1.

Previous appropriations for the Capital Assistance Program:

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 $83.84 million

Project Contact Person

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Governor's Recommendation

The Governor does not recommend capital funding for this request.

($ in thousands)

Clay County CAP Project

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
State Funds Requested				
General Obligation Bonds	$ 0	$ 7,300	$ 0	$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	**$ 0**	**$ 7,300**	**$ 0**	**$ 0**

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
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	$ 7,300	$ 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**	**$ 7,300**	**$ 0**	**$ 0**

**Inflation is already included in project costs.*

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
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	$ 7,300	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 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)?	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, 2022?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 174.93: Guideway Project	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A

($ in thousands)

Hennepin County CAP Project

AT A GLANCE

2018 Request Amount:	$2,000
Priority Ranking:	6
Project Summary:	$2 million is being requested for a project that will increase capacity at Hennepin County's transfer station in Brooklyn Park, resulting in the ability to manage a larger quantity of organics materials.

Project Description

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

Project Rationale

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

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. Organics recycling programs have seen increased participation and are well received, where they are offered. The MPCA's SCORE report, which annually collects data on trash and recycling from counties, found that SSO collections more than doubled from 2011 to 2015. 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.

Project Timeline

Project timeline is dependent on the bonding appropriation, CAP grant application review process, and grant agreement execution. Hennepin County will be required to complete the CAP grant application prior to any funding being released. It is anticipated Hennepin County will begin construction following grant execution.

Other Considerations

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.

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 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.

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).

Impact on Agency Operating Budgets

This capital bonding request does not impact the MPCA's annual operating budget. The legislature authorizes a direct appropriation from the Environmental Fund for the administrative costs of the Solid Waste Capital Assistance Program

Description of Previous Appropriations

Hennepin County received a CAP grant in 1992 in the amount of $341,000 for a Household Hazardous Waste Project.

Previous appropriations for the Capital Assistance Program:

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 $83.84 million

Project Contact Person

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Governor's Recommendation

The Governor does not recommend capital funding for this request.

($ in thousands)

Hennepin County CAP Project

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
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 2018	FY 2020	FY 2022
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**

**Inflation is already included in project costs.*

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
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?	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?	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 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)?	Yes
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 174.93: Guideway Project	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A

($ in thousands)

Organics Infrastructure Capital Assistance Program

AT A GLANCE

2018 Request Amount:	$5,000
Priority Ranking:	7
Project Summary:	$5 million is requested to expand composting infrastructure in the state. The agency will host a competitive process that will award top applicants with funds to build or expand compost facilities and/or to add transfer capacity for organics

Project Description

Funding for the Capital Assistance Program (CAP) is intended to assist local governments in constructing or expanding capacity at compost facilities, buying capital equipment to run compost facilities more efficiently, and/or to add capacity at transfer stations. 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. The MPCA will host a competitive process in which applicants would apply for funding to build or expand infrastructure for composting.

Project Rationale

Minnesotans have embraced organics recycling in communities that offer them the opportunity to recycle organics. The MPCA's SCORE report, which annually collects data on trash and recycling from counties, found that Source Separated Organics (SSO) collections more than double in volume from 2011 to 2015. Despite this growth, access to organics recycling 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.

In many parts of the state, existing compost facilities are at or near capacity. Some facilities outside the metro have capacity but are underutilized. 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 organics.

Project Timeline

Project timeline is dependent on the bonding appropriation, CAP grant RFP, CAP grant application review process, and awards. It is anticipated an RFP will be developed and published in October 2018; grant agreement executions will begin approximately May 2019. Project completion will vary by project award.

Other Considerations

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. 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 has the ability to 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 publicly and privately operated facilities and facilities that are operated as public/private partnerships. Expanding transfer capacity would assist facilities operating under any of those ownership models. Bringing additional compost 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 facility so there is a destination for organics they collect.

The Capital Assistance Program, 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 uses 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.

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).

Impact on Agency Operating Budgets

This capital bonding request does not impact the MPCA's annual operating budget. The legislature authorizes a direct appropriation from the Environmental Fund for the administrative costs of the Solid Waste Capital Assistance Program.

Description of Previous Appropriations

Laws 2015, 1SS, Chapter 5 $600,000 appropriation for Phase I to McLeod County.

Previous appropriations for the Capital Assistance Program:

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 $83.84 million

Project Contact Person

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Governor's Recommendation

The Governor recommends $5 million in general obligation bonds for this request.

($ in thousands)

Organics Infrastructure Capital Assistance Program

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
State Funds Requested				
General Obligation Bonds	$ 0	$ 5,000	$ 0	$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	**$ 0**	**$ 5,000**	**$ 0**	**$ 0**

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
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	$ 5,000	$ 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**	**$ 5,000**	**$ 0**	**$ 0**

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
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	$ 5,000	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?	No
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 meet public ownership requirements (M.S. 16A.695)?	N/A
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)?	Yes
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 174.93: Guideway Project	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A

($ in thousands)

Esko Superfund Site

AT A GLANCE

2018 Request Amount:	$721
Priority Ranking:	8
Project Summary:	The Minnesota Pollution Control Agency (MPCA) is requesting $721,000 in state funds to design and implement an excavation of shallow soils contaminated with chlorinated solvents. These solvents are leaching into ground water used for drinking water and are up gradient from the nearby river. These actions will be completed at the Esko Groundwater Contamination Superfund site (Site) in Esko, Minnesota under the oversight of the MPCA's Superfund Program.

Project Description

State bonding dollars will be used to complete design activities and implement an excavation of the upper four feet of on-site soils contaminated with the chlorinated solvents tetrachloroethylene (PCE), trichloroethylene (TCE), 1,2-dichloroethane (DCE), and cis-1,2-dichloroethene (cis-1,2 DCE) to prevent further leaching of the contamination from soil to groundwater. The excavation will be a one-time expenditure to prevent further migration of the chlorinated solvents into the groundwater.

The bonding funds will also be used to complete a pre-design for treating contaminated groundwater at this site. This pre-design will focus on treatment alternatives for the existing groundwater contamination.

Project Rationale

The Site was formerly used as a creamery, a coin operated drycleaner and an engine repair shop. The exact age of the building and initial creamery operation is unknown, but this particular function ceased in the 1970's, eventually leading to the demolition of the building in the late 1980's. The property was split into two lots soon after the creamery was demolished, and the Post Office building was constructed on the newly created western lot in 1990. Volatile organic compounds (VOCs) monitoring began in 1996 when an off-site petroleum investigation (Esko Self Service) identified chlorinated solvents at the post office.

The Site was listed on the State Superfund Permanent List of Priorities (PLP) in 2006. Since that time, MPCA has continued monitoring groundwater conditions and has defined the extent of contaminated soil in the source area that should be excavated. The shallow soils are contaminated with the chlorinated solvents PCE, TCE, DCE, and cis-1,2 DCE. The chlorinated solvents are leaching into the shallow groundwater used for drinking water and up gradient of the Midway River. The shallow groundwater is being used by residents and businesses drinking water. There is currently one private well that has a granular activated carbon treatment system installed. If the contaminated soils remain in-place, it is anticipated that additional wells will require treatment prior to use as drinking water wells. In addition, the Midway River, located ½ mile down gradient of the Site, is also at risk from the contaminated groundwater. On-site risks include direct exposure to the contaminated shallow soils

through dermal contact and ingestion.

Project Timeline

Design and implementation for the soil excavation will occur in the State's fiscal year 2019. The predesign and engineering activities for treating the contaminated groundwater would also occur in the State's fiscal year 2019.

Other Considerations

The excavation of contaminated soil and future treatment of contaminated groundwater will prevent the need to install granular activated carbon treatment systems at the numerous residences relying on private wells for drinking water. These actions will also prevent Midway River from becoming an impaired waterway near the Esko community.

Impact on Agency Operating Budgets

Staffing costs for project management and other support functions will be paid through existing State Superfund program funds for the duration of this bonding project request.

Description of Previous Appropriations

No previous capital bonding appropriations have be issued for this project.

Project Contact Person

Sandeep Burman
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Governor's Recommendation

The Governor does not recommend capital funding for this request.

($ in thousands)

Esko Superfund Site

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
State Funds Requested				
General Obligation Bonds	$ 0	$ 721	$ 0	$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	**$ 0**	**$ 721**	**$ 0**	**$ 0**

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	$ 0	$ 0	$ 0	$ 0
Predesign Fees	$ 0	$ 36	$ 0	$ 0
Design Fees	$ 0	$ 72	$ 0	$ 0
Project Management	$ 0	$ 0	$ 0	$ 0
Construction	$ 0	$ 613	$ 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**	**$ 721**	**$ 0**	**$ 0**

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
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	$ 721	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 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)?	N/A
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	N/A
M.S. 174.93: Guideway Project	
Is this a Guideway Project?	No
Is the required information included in this request?	Yes

($ in thousands)

Long Prairie Superfund Site

AT A GLANCE

2018 Request Amount:	$206
Priority Ranking:	9
Project Summary:	The Minnesota Pollution Control Agency (MPCA) is requesting $206,000 in state bonding funds to design and update the existing groundwater and soil treatment systems. Both systems require an increased operations and maintenance budget due to the age of the systems. These actions will be completed at the Long Prairie Groundwater Plume Superfund site (Site) in Long Prairie, Minnesota under the oversight of the MPCA's Superfund Program.

Project Description

State bonding funds will be used at this site to design and implement necessary upgrades to the existing groundwater and soil treatment systems needed to maintain public health protectiveness at this site. The State is currently collaborating with the U.S. Environmental Protection Agency to evaluate supplemental treatment alternatives to more effectively reduce concentrations of chlorinated solvents in the source area. Once the study is complete, the bonding dollars will be used to implement the preferred alternative.

Project Rationale

From 1949-1984 a dry cleaner was located at the Site in the downtown commercial area. The dry cleaner used the chlorinated solvent Tetrachloroethylene (PCE) in its process and disposed of the waste chemical by pouring it into a buried perforated drum in the alley behind the building. This caused contamination in the soil and groundwater.

Significant groundwater treatment actions have occurred since the early 1980's for this site including granular-activated carbon, maintaining a groundwater pump and treat remedy, and groundwater injection treatments targeting the chlorinated solvents in groundwater. The site is now close to meeting the drinking water standards; however, a large area of PCE in soil vapor remains. The MPCA installed and operated a soil vapor treatment system in the late 1990's to remove PCE vapors from the soil. Testing showed this system achieved the soil cleanup goal at the time and was shut down in 1999. In 2009, the MPCA discovered a vapor intrusion area of concern near this site. Testing found six properties south of Central Avenue and between 2nd Avenue South and 3rd Avenue South where vapor intrusion risks were identified. To address these vapor intrusion risks, a soil vapor treatment system was installed between 2nd Street and 3rd Street South to clean up the PCE vapors and at the same time, to protect the buildings from vapor intrusion.

Project Timeline

Design activities for updating the existing soil vapor treatment system would occur in state fiscal year 2019. New soil vapor extraction wells may be needed to improve the effectiveness of the system. These wells and other updates needed to the system would also be completed in fiscal year 2019. Design activities for treating shallow soils contaminated with chlorinated solvents would occur in fiscal

year 2019 with excavation activities occurring in state fiscal year 2020.

Other Considerations

The SVE system continues to operate and is slowly removing PCE vapors however optimizing this system would result in more efficient clean up and reduce the time necessary to reach final cleanup levels.

Impact on Agency Operating Budgets

Staffing costs for project management and other support functions will be paid through existing State Superfund program funds for the duration of this bonding project request.

Description of Previous Appropriations

No previous capital bonding appropriations have been awarded to this project.

Project Contact Person

Sandeep Burman
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Governor's Recommendation

The Governor does not recommend capital funding for this request.

($ in thousands)

Long Prairie Superfund Site

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
State Funds Requested				
General Obligation Bonds	$ 0	$ 206	$ 0	$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	**$ 0**	**$ 206**	**$ 0**	**$ 0**

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	$ 0	$ 0	$ 0	$ 0
Predesign Fees	$ 0	$ 10	$ 0	$ 0
Design Fees	$ 0	$ 20	$ 0	$ 0
Project Management	$ 0	$ 0	$ 0	$ 0
Construction	$ 0	$ 176	$ 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**	**$ 206**	**$ 0**	**$ 0**

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
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	$ 206	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 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)?	N/A
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	N/A
M.S. 174.93: Guideway Project	
Is this a Guideway Project?	No
Is the required information included in this request?	Yes

($ in thousands)

Superior Plating Superfund Site

AT A GLANCE

2018 Request Amount:	$2,122
Priority Ranking:	10
Project Summary:	The Minnesota Pollution Control Agency (MPCA) is requesting $2,122,000 in state funds to repair an aging groundwater treatment system to mitigate risks to human health and the environment. These actions will be completed at the Superior Plating Superfund site (Site) in Minneapolis, Minnesota under the oversight of the MPCA's Superfund Program.

Project Description

State bonding funds will be used at this site to complete critical repairs at an existing groundwater treatment system. The groundwater treatment system was constructed over 25 years ago, is currently in need of repairs, and will require eventual replacement, possibly in a different location to optimize the site remedy. The groundwater treatment system has needed repairs such as new valves, pumps, and treatment equipment in the past and is nearing the end of its useful life.

Project Rationale

The Site was originally developed in April of 1891 with a "car barn." The facility served the Minneapolis Rapid Transit Street Railyard Company. The building served the streetcar system for at least 50 years. In 1956, the facility was then converted for use as a painting, metal plating and polishing facility owned by Superior Plating. The facility continued painting, plating, and polishing operations until 2012.

In 2011, Superior Plating filed bankruptcy and the facility was demolished by a redeveloper not associated the contamination. At that time, the redeveloper remediated a portion of the on-site soils and bedrock and operated the existing groundwater treatment system under a voluntary agreement with the Minnesota Pollution Control Agency (MPCA); however, any remaining off-site soil/bedrock contamination and leachate water entering a nearby ditch remained the responsibility of the MPCA. In addition, it was agreed that the groundwater treatment system would become the responsibility of the MPCA in 2019.

The remedial objectives of the Site's groundwater treatment system are to: (1) control the source of groundwater contamination, (2) prevent further contamination down gradient of the Site, and (3) decrease contaminant concentrations beyond the Site to acceptable levels. The groundwater treatment system has been in place for over 25 years and is currently in need of repairs and eventual replacement.

Project Timeline

Current information suggests the existing groundwater treatment system will no longer be functional in calendar year 2020. The bonding money is proposed to be used during calendar year 2019 for the project planning, engineering, and design. The replacement system is planned for construction in calendar year 2020.

Other Considerations

The bonding request of $2,122,000 will fund the replacement of the existing groundwater treatment system that is currently in need of repair. A pilot study is underway to identify the scope for replacing the groundwater treatment system. The objectives for this study are to determine the need for relocating the current groundwater extraction wells and treatment system to a new onsite location that will accelerate the site towards delisting as a Superfund site, while reducing the annual operation and maintenance costs related to the aging infrastructure.

Impact on Agency Operating Budgets

Staffing costs for project management and other support functions will be paid through existing State Superfund program funds for the duration of this bonding project request.

Description of Previous Appropriations

There have been no previous capital bonding appropriations issued for this project.

Project Contact Person

Sandeep Burman
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Governor's Recommendation

The Governor does not recommend capital funding for this request.

($ in thousands)

Superior Plating Superfund Site

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
State Funds Requested				
General Obligation Bonds	$ 0	$ 2,122	$ 0	$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	**$ 0**	**$ 2,122**	**$ 0**	**$ 0**

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	$ 0	$ 0	$ 0	$ 0
Predesign Fees	$ 0	$ 106	$ 0	$ 0
Design Fees	$ 0	$ 212	$ 0	$ 0
Project Management	$ 0	$ 0	$ 0	$ 0
Construction	$ 0	$ 1,804	$ 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**	**$ 2,122**	**$ 0**	**$ 0**

**Inflation is already included in project costs.*

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
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	$ 2,122	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 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)?	N/A
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	N/A
M.S. 174.93: Guideway Project	
Is this a Guideway Project?	No
Is the required information included in this request?	Yes

($ in thousands)

Coon Rapids CAP Project

AT A GLANCE

2018 Request Amount:	$1,000
Priority Ranking:	11
Project Summary:	$1 million in bond funding is requested to expand the Coon Rapids Recycling Center. The City of Coon Rapids is unable to optimize its current facility and equipment due to space constraints.

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, to name a few. 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 (e.g. organics, polystyrene). Additionally, capacity will be created that allows for the collection of new commodities, such as boat wrap.

Project Rationale

The current facility has maximized its operating capacity and is unable to respond to the demand to collect additional materials. 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.

Project Timeline

Other Considerations

This facility serves Anoka County as a whole, and is not restricted to residents of the city. In addition, 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.

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.

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).

Impact on Agency Operating Budgets

This capital bonding request does not impact the MPCA's annual operating budget. The legislature authorizes a direct appropriation from the Environmental Fund for the administrative costs of the Solid Waste Capital Assistance Program.

Description of Previous Appropriations

Previous appropriations for the Capital Assistance Program:

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 $83.84 million

Project Contact Person

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Governor's Recommendation

The Governor does not recommend capital funding for this request.

($ in thousands)

Coon Rapids CAP Project

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
State Funds Requested				
General Obligation Bonds	$ 0	$ 1,000	$ 0	$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	**$ 0**	**$ 1,000**	**$ 0**	**$ 0**

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
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	$ 1,000	$ 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**	**$ 1,000**	**$ 0**	**$ 0**

**Inflation is already included in project costs.*

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
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	$ 1,000	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?	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?	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 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)?	
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 174.93: Guideway Project	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A

($ in thousands)

Rochester Ground Water Plum Superfund Site

AT A GLANCE

2018 Request Amount:	$343
Priority Ranking:	12
Project Summary:	The Minnesota Pollution Control Agency (MPCA) is requesting $343,000 in state funds to design and implement an underground groundwater treatment injection. These actions will be completed at the Rochester Groundwater Plume Superfund site (Site) in Rochester, Minnesota under the oversight of the MPCA's Superfund Program.

Project Description

State bonding funds will be used to design and implement an underground groundwater treatment injection needed to expedite cleanup activities and prevent further migration of the contamination at this Site. The MPCA is currently completing a treatability study at the Site to assess the groundwater conditions, evaluate treatment injection alternatives, and perform a pilot-scale project of the preferred alternative. Once the treatability study is complete, the money being requested will be used to implement the full-scale underground treatment injection.

Project Rationale

A former dry cleaner occupied the Site in Rochester, Minnesota. Tetrachlorethylene (PCE) was discovered in the groundwater during a leaking underground petroleum storage tank project located west of the Site. PCE was detected at that time under the former dry cleaning building. The contamination extended to the north underneath several retail shops and residential homes. The contamination puts occupants of the buildings at risk if exposed to harmful vapors.

To prevent further migration of the contamination a groundwater treatment method is required. The MPCA is completing a treatability study focusing on designing, pilot testing, and implementing a clean-up strategy for the contaminated soils located underneath the on-site building. The treatment method will require innovative alternatives because the contaminated soils are located underneath that large on-site building.

Project Timeline

$75,000 in funding through this initiative would be used to investigate and mitigate any vapor intrusion risks that may exist to the properties north of the on-site building in fiscal year 2019. After these immediate risks are addressed the remaining funds would be used to design and implement a full-scale underground groundwater treatment injection contaminated soils.

Other Considerations

By cleaning up the contaminated soils, contamination will no longer leach into groundwater and will reduce the drinking water and soil vapor risks to the nearby community.

Impact on Agency Operating Budgets

Staffing costs for project management and other support functions will be paid through existing State Superfund program funds for the duration of this bonding project request.

Description of Previous Appropriations

No previous capital bonding appropriations have been awarded to this project.

Project Contact Person

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Governor's Recommendation

The Governor does not recommend capital funding for this request.

($ in thousands)

Rochester Ground Water Plum Superfund Site

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
State Funds Requested				
General Obligation Bonds	$ 0	$ 343	$ 0	$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	**$ 0**	**$ 343**	**$ 0**	**$ 0**

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	$ 0	$ 0	$ 0	$ 0
Predesign Fees	$ 0	$ 17	$ 0	$ 0
Design Fees	$ 0	$ 34	$ 0	$ 0
Project Management	$ 0	$ 0	$ 0	$ 0
Construction	$ 0	$ 292	$ 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**	**$ 343**	**$ 0**	**$ 0**

**Inflation is already included in project costs.*

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
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	$ 343	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 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)?	N/A
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	N/A
M.S. 174.93: Guideway Project	
Is this a Guideway Project?	No
Is the required information included in this request?	Yes

($ in thousands)

Winona Superfund Site

AT A GLANCE

2018 Request Amount:	$206
Priority Ranking:	13
Project Summary:	The Minnesota Pollution Control Agency (MPCA) is requesting $206,000 in state funds to design and complete critical repairs at an existing groundwater treatment system. Bonding funds will also be used to pre-design, design and implement an additional source area remedy to accelerate the cleanup of the site. These actions will be completed at the Winona Superfund Site in Winona, Minnesota under the oversight of the MPCA's Superfund Program.

Project Description

State bonding funds will be used at this site to design and complete critical repairs at an existing groundwater treatment system. The groundwater treatment system was constructed over 25 years ago and has recently failed numerous times due to the lack of funds available for replacement of the system. The existing treatment requires frequent maintenance and has become less efficient over time creating more opportunities for contamination to migrate.

The bonding funds would also be used to pre-design, design, and implement an additional source removal actions to accelerate the time to site closure. As the Site's treatment system has been in-place for over 25 years, the State has invested a significant amount of money in operation expenses to date.

Project Rationale

A former gas station was converted to a dry cleaning business at the Site in 1969. The dry cleaning business used tetrachloroethylene (PCE), a chlorinated solvent commonly used in dry cleaning. The business disposed of PCE waste in an interior floor drain which was connected to an exterior pit that was directly exposed to the soil below.

In 1989, a neighbor reported odors in their well water, and contacted the City of Winona. The City asked the MPCA to investigate the environmental conditions near the Site. The MPCA found that several shallow wells near the dry cleaner were contaminated. In all, 25 area wells were contaminated with PCE. Homes with contaminated wells were all connected to City water by December 1990. In 1992, a groundwater pump and treat system was installed to address concerns that the contamination may spread further. Since installation, the groundwater treatment system has failed numerous times due to lack of funds to proactively operate and maintain the system. Recently, the system has been down for over a week at a time resulting in an increased instability of the contamination. In addition, the system efficiency has decreased over time which resulted in the water exiting the treatment plant exceeding the regulatory limit for the contamination concentrations.

The MPCA also found that contaminated soil was the source of the groundwater contamination and was present under the former dry cleaner building. The presence of shallow contaminated

groundwater also has resulted in soil vapor under the site building. Two properties near the site have been tested for soil vapors and were found to be at risk requiring mitigation.

Project Timeline

Design and repairs to the current remedy will occur in early calendar year 2018. Pre-design, design, and construction of an additional source area remedy will begin in calendar year 2018 with a target completion date of calendar year 2019.

Other Considerations

Removing the contaminated soils with an additional source removal remedy will eliminate continued leaching of chlorinated solvents into the shallow groundwater and soil vapors and accelerate the time to project closure.

Impact on Agency Operating Budgets

Staffing costs for project management and other support functions will be paid through existing State Superfund program funds for the duration of this bonding project request.

Description of Previous Appropriations

No previous capital bonding appropriations have been awarded to this project.

Project Contact Person

Sandeep Burman
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Governor's Recommendation

The Governor does not recommend capital funding for this request.

($ in thousands)

Winona Superfund Site

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
State Funds Requested				
General Obligation Bonds	$ 0	$ 206	$ 0	$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	**$ 0**	**$ 206**	**$ 0**	**$ 0**

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	$ 0	$ 0	$ 0	$ 0
Predesign Fees	$ 0	$ 0	$ 0	$ 0
Design Fees	$ 0	$ 6	$ 0	$ 0
Project Management	$ 0	$ 0	$ 0	$ 0
Construction	$ 0	$ 200	$ 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**	**$ 206**	**$ 0**	**$ 0**

**Inflation is already included in project costs.*

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
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	$ 206	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 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)?	N/A
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	N/A
M.S. 174.93: Guideway Project	
Is this a Guideway Project?	No
Is the required information included in this request?	Yes

($ in thousands)

Little Fork Superfund Site

AT A GLANCE

2018 Request Amount:	$155
Priority Ranking:	14
Project Summary:	The Minnesota Pollution Control Agency (MPCA) is requesting $155,000 in state bonding funds to design and repair an aging soil vapor treatment system necessary to protect human health and the environment. These actions will be completed at the Littlefork Superfund site (Site) in Littlefork, Minnesota under the oversight of the MPCA's Superfund Program.

Project Description

State bonding funds will be used at this site to design and repair the existing soil vapor treatment system needed to maintain public health protectiveness at this site. Bonding funds will also be used to complete pre-design and design of a supplemental remedy that will focus on identifying a more efficient approach for reducing the source of chlorinated solvents at this site.

Project Rationale

Tetrachlorethene (PCE) contamination was discovered in the early 1990's at the former Love's Amoco property located in Littlefork, Minnesota. PCE was a common chlorinated solvent used in the dry cleaning industry and for industrial parts cleaning purposes. The Site operated as a dry cleaner in the early 1950's and used PCE. After the discovery of PCE, the Minnesota Department of Health (MDH) identified the presence of PCE above drinking water standards in residential drinking water wells; however, as of 2008 all of the residents with impacted wells have been connected to the city's municipal drinking water supply system.

The MPCA determined the area of PCE-impacted groundwater was throughout the city of Littlefork. Between 2002 and 2009, the MPCA identified several additional sources of PCE contamination. The large groundwater plume was also found to be generating soil vapors contaminated with PCE. Soil vapor treatment systems have been used since 2010 to clean up and control the soil vapor plume from expanding in size. The contaminated vapors have placed several commercial and residential properties at risk for contaminated vapors entering occupied buildings. To date, three residential buildings and one church have been mitigated for vapors. Additional properties will likely need mitigation unless the soil vapor plume and chlorinated solvent source area is more effectively cleaned-up.

Project Timeline

Design activities to repair the existing soil vapor treatment system will occur in state fiscal year 2019. Pre-design and design of a supplemental source area treatment strategy will also occur FY19.

Other Considerations

To maintain public health protectiveness the existing remedy will require repairs to avoid critical

system failures. Designing a supplemental remedy to more effectively clean up the contaminant source area will result in accelerating this project to closure.

Impact on Agency Operating Budgets

Staffing costs for project management and other support functions will be paid through existing State Superfund program funds for the duration of this bonding project request

Description of Previous Appropriations

No previous capital bonding appropriations have been issued for this project.

Project Contact Person

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Governor's Recommendation

The Governor does not recommend capital funding for this request.

($ in thousands)

Little Fork Superfund Site

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
State Funds Requested				
General Obligation Bonds	$ 0	$ 155	$ 0	$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	**$ 0**	**$ 155**	**$ 0**	**$ 0**

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	$ 0	$ 0	$ 0	$ 0
Predesign Fees	$ 0	$ 8	$ 0	$ 0
Design Fees	$ 0	$ 15	$ 0	$ 0
Project Management	$ 0	$ 0	$ 0	$ 0
Construction	$ 0	$ 132	$ 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**	**$ 155**	**$ 0**	**$ 0**

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
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	$ 155	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 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)?	N/A
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	N/A
M.S. 174.93: Guideway Project	
Is this a Guideway Project?	No
Is the required information included in this request?	Yes

($ in thousands)

Schloff Superfund Site

AT A GLANCE

2018 Request Amount:	$48
Priority Ranking:	15
Project Summary:	The Minnesota Pollution Control Agency (MPCA) is requesting $48,000 in state funds to design and complete critical repairs at an existing soil vapor treatment system. These actions will be completed at the Schloff Superfund Site (Site) in St. Louis Park, Minnesota under the oversight of the MPCA Superfund Program

Project Description

State bonding dollars will be used to design and complete critical repairs at the existing soil vapor treatment remedy in an effort to close out the site remediation in an expedited manner. The soil vapor treatment system has failed recently resulting in a shutdown of the system until the repairs could be budgeted and completed.

State bonding dollars will also be used to pre-design and design a supplemental remedy to reduce source area contaminants and expedite cleanup activities at this legacy site.

Project Rationale

The Site was formerly used for the storage, repackaging, and distribution of chemicals and supplies used in the dry cleaning and laundry industries. These chemicals, commonly referred to as chlorinated solvents, included tetrachloroethene (PCE), prepackaged detergents, emulsifiers, bleach, and acids. The Site building is currently vacant and the property is undergoing active remediation of soil and groundwater contamination. The MPCA took over this site when Schloff Chemical filed for bankruptcy.

Several investigations were completed at the site since 1989 to evaluate the risks from a PCE release near the west side of the site building. The monitoring well network is sampled annually by the MPCA indicating the presence of chlorinated solvents in the groundwater that exceeds Minnesota Department of Health (MDH) drinking water standards. The monitoring data also suggests that chlorinated solvents may have migrated towards Minnehaha Creek since site discovery;

In 2011, a vapor intrusion assessment of the site building was completed and identified TCE (created when PCE naturally degrades in the groundwater) vapor concentrations under the site building exceeds the current MPCA 33x industrial intrusion screening values (ISVs). As a result of this discovery, a soil vapor extraction (SVE) treatment system was installed in May 2014 to clean-up contaminated soils near the site building and mitigate soil vapor risks. The SVE system has since broken down recently and required significant repair to get the system functional.

Project Timeline

The bonding money is proposed to be used during the calendar 2018-2019 for the design and repairs that are needed for the existing remedy.

Other Considerations

Impact on Agency Operating Budgets

Staffing costs for project management and other support functions will be paid through existing State Superfund program funds for the duration of this bonding project request.

Description of Previous Appropriations

No previous capital bonding appropriations have been awarded to this project.

Project Contact Person

Sandeep Burman
Site Remediation and Redevelopment Section Manager
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Governor's Recommendation

The Governor does not recommend capital funding for this request.

($ in thousands)

Schloff Superfund Site

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
State Funds Requested				
General Obligation Bonds	$ 0	$ 48	$ 0	$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	**$ 0**	**$ 48**	**$ 0**	**$ 0**

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	$ 0	$ 0	$ 0	$ 0
Predesign Fees	$ 0	$ 3	$ 0	$ 0
Design Fees	$ 0	$ 5	$ 0	$ 0
Project Management	$ 0	$ 0	$ 0	$ 0
Construction	$ 0	$ 40	$ 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**	**$ 48**	**$ 0**	**$ 0**

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
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	$ 48	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 meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	
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, 2022?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	N/A
M.S. 174.93: Guideway Project	
Is this a Guideway Project?	No
Is the required information included in this request?	Yes

($ in thousands)

Becker County CAP Project

AT A GLANCE

2018 Request Amount:	$675
Priority Ranking:	16
Project Summary:	$675 to Becker County to fund a facility expansion to process bulky and problem materials.

Project Description

This Capital Assistance Program (CAP) bonding request will provide a grant to Becker County to fund a facility expansion to process bulky and problem materials (carpet, mattresses, etc.).

Becker County has requested $675,000 in bond funding for the expansion of a recycling facility that is currently under construction. The county would construct infrastructure allowing for cold storage for products coming to the facility and for processed materials that could be shipped out in semi-load quantities. The expansion will create space in the new recycling building for the processing of problem materials.

Project Rationale

This project addresses many challenges with the existing waste management system. The MPCA supports this effort, as highlighted in the 2015 Solid Waste Policy Report to the Legislature. The waste stream is constantly evolving with new types of materials, the ability to recycle more materials, and drivers such as economic growth and purchasing practices.

The waste stream is constantly evolving with new types of materials, the ability to recycle more materials, and drivers such as economic growth and purchasing practices. Not only is material entering facilities differently, but also the volume is increasing. This proposal would expand the recycling building and give the facility the capacity to process materials that are a common problem in the county.

Project Timeline

Project timeline is dependent on the bonding appropriation, CAP grant application review process, and grant agreement execution. Becker County will be required to complete the CAP grant application prior to any funding being released. It is anticipated the county will be prepared to begin projects following grant execution.

Other Considerations

Implementation of this project will create capacity that allows for the potential of future growth of materials management solutions, including increased waste generated, the addition of advanced equipment and new technology, and expanded facility operation to include additional shifts.

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.

Impact on Agency Operating Budgets

This capital bonding request does not impact the MPCA's annual operating budget. The legislature authorizes a direct appropriation from the Environmental Fund for the administrative costs of the Solid Waste Capital Assistance Program.

Description of Previous Appropriations

Previous appropriations for the Capital Assistance Program:

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 $83.84 million

Project Contact Person

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Governor's Recommendation

The Governor does not recommend capital funding for this request.

($ in thousands)

Becker County CAP Project

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
State Funds Requested				
General Obligation Bonds	$ 0	$ 675	$ 0	$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	**$ 0**	**$ 675**	**$ 0**	**$ 0**

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
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	$ 675	$ 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**	**$ 675**	**$ 0**	**$ 0**

**Inflation is already included in project costs.*

IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
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	$ 675	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 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)?	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, 2022?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 174.93: Guideway Project	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A