

Pollution Control

Projects Summary

(\$ in thousands)

| Project Title | Rank | Fund | Project Requests for State Funds | | | Gov's Rec | Gov's Planning Estimates | |
|---|------|------|----------------------------------|--------|------|-----------|--------------------------|------|
| | | | 2016 | 2018 | 2020 | 2016 | 2018 | 2020 |
| St. Louis River Area of Concern (SLRAOC) | 1 | GO | 12,705 | 12,705 | 0 | 12,705 | 0 | 0 |
| Closed Landfill Construction: Freeway Landfill | 2 | GO | 61,500 | 0 | 0 | 0 | 0 | 0 |
| | | GF | 3,000 | 0 | 0 | 0 | 0 | 0 |
| Closed Landfill Construction: Waste Disposal Engineering (WDE) Landfill | 3 | GO | 12,000 | 0 | 0 | 12,000 | 0 | 0 |
| Capital Assistance Program: Polk County | 4 | GO | 9,250 | 0 | 0 | 0 | 0 | 0 |
| Capital Assistance Program: Clay County | 5 | GO | 8,500 | 0 | 0 | 0 | 0 | 0 |
| Capital Assistance Program: McLeod County | 6 | GO | 2,500 | 0 | 0 | 0 | 0 | 0 |
| Closed Landfill Construction: Carlton County #2 Landfill | 7 | GO | 0 | 3,100 | 0 | 0 | 0 | 0 |
| Closed Landfill Construction: Hoyt Lakes Landfill | 8 | GO | 0 | 1,800 | 0 | 0 | 0 | 0 |
| Closed Landfill Construction: Brookston Area Landfill | 9 | GO | 0 | 1,000 | 0 | 0 | 0 | 0 |
| Closed Landfill Construction: Louisville Landfill | 10 | GO | 0 | 1,200 | 0 | 0 | 0 | 0 |
| Total Project Requests | | | 109,455 | 19,805 | 0 | 24,705 | 0 | 0 |
| General Obligation Bonds (GO) Total | | | 106,455 | 19,805 | 0 | 24,705 | 0 | 0 |
| General Fund Cash (GF) Total | | | 3,000 | 0 | 0 | 0 | 0 | 0 |

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

AT A GLANCE

- 917 employees: 671 in St. Paul and 246 in seven regional offices
- Limit pollution to protect human health by issuing more than 15,000 permits
- Monitor the condition of air, water, and land at more than 1,000 sites across the state
- Protect nonpolluted waters and restore waters that do not meet standards
- Prevent pollution by providing technical and financial assistance
- Clean up contaminated land and return it to productive use in our communities
- Ensure individuals and businesses comply with state and federal environmental regulations
- Inspect and license more than 40,000 sites that involve hazardous waste, feedlots, and storage tanks
- 262,000 people visited MPCA’s Eco Experience exhibit at the 2014 Minnesota State Fair
- 130 other organizations representing state agencies, companies and non-profits assisted and contributed toward the success of the 2014 event
- Work closely with Minnesota businesses to successfully comply with regulations
- Train and certify wastewater operators, landfill inspectors, tank operators, and household hazardous waste facility staff
- Work closely with partners: sister state and federal agencies, local governments, and nonprofits
- Provide relevant environmental information to citizens
- Consider input on environmental issues from an 8-member advisory committee

Our mission is to protect and improve our environment and enhance human health. We play a key role in contributing to the following statewide outcome: **A clean, healthy environment with sustainable uses of natural resources.**

PURPOSE

The 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, and support environmental education and help ensure pollution does not have a disproportionate impact on any group of citizens.

We work with many partners — citizens, communities, businesses, all levels of government, environmental groups, and educators — to prevent pollution and conserve resources. These partnerships allows us to:

- Foster greater commitment and personal responsibility for our environment
- Work to minimize the use and generation of toxic chemicals in products and materials
- Help others convert waste into energy or high-value products
- Protect, restore, and preserve the quality of our waters
- Develop solutions to Minnesota's climate-change challenges

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

STRATEGIES

As a regulatory agency, our job is to limit pollution caused by businesses, organizations, and individuals. This is fundamental to our mission: to protect the environment and human health. We develop regulations, provide education and technical assistance to help meet these regulations, and enforce them if the need arises. More and more, the focus is also on preventing pollution, rather than just controlling it or cleaning it up.

Our range of activities includes:

- Using testing and research to identify environmental problems.
- Setting priorities and operating strategies.
- Setting standards and develop rules that protect people and the environment.
- Writing permits to control activities that affect the environment.
- Providing technical assistance and training; outreach and education to schools, organizations and the general public.
- Publicizing and demonstrating pollution-prevention techniques.
- Responding to emergencies.
- Enforcing rules.

M.S. 116 (<https://www.revisor.mn.gov/statutes/?id=116>) provides the legal authority for Minnesota Pollution Control Agency.

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 for Minnesota’s environment:

- 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 refreshed its strategic plan in 2013. The plan includes the following strategic 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 MPCA data and services is timely, transparent and reliable.

Issues Affecting Capital Requests

St. Louis River Area of Concern

The EPA and the International Joint Commission oversee project work across the Great Lakes. The St. Louis River Area of Concern (SLRAOC) was listed in 1987 as one of 43 Great Lakes Areas of Concern under the Great Lakes Water Quality Agreement. Sediment contamination in the SLRAOC dates from a time prior to the adoption of environmental regulations. Contaminated sediments contribute to eight of nine recognized impairments in these waters. The SLRAOC Remediation Action Plan (RAP) was adopted and approved by EPA in 2013, and recognized by EPA Region 5 as a priority project.

We are working with multiple partners at the federal, state and local level on the clean-up of contaminated sediments in the SLRAOC. The SLRAOC includes the Duluth/Superior harbor, the Nemadji River watershed as well as more than 35 miles of the lower St. Louis River. These project partnerships will provide the funding necessary to conduct engineering design and execute clean-up construction at specific sites identified in the RAP. This project plan leverages federal Great Lake Restoration Initiative / Great Lakes Legacy Act funds, 65% federal to 35% nonfederal, to complete the contaminated sediment clean-up by 2020. These efforts will decrease or eliminate sources of contaminants that effect fish and wildlife, and remove the beneficial use impairments directly linked to the sediment contaminants. Ultimately the remediation will protect the health and safety of citizens and visitors that use the St. Louis River and harbor for work and recreation.

Closed Landfill Construction Program

Passage of the Landfill Cleanup Act in the early 1990s authorized us to ensure landfills are closed to standards, to initiate cleanups and other remedial actions, and to take over the post-closure care and maintenance at state-permitted municipal solid waste landfills. Of the 112 closed landfills qualified under program requirements, 20 are privately owned, 27 are state owned, and 65 are owned by counties and cities. Program staff conducts periodic assessments of the condition of the closed landfills and assign 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 the groundwater from contaminants, and ultimately protect 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 stream grew from 4.0 million tons per year in 1991 to 5.8 million tons per year in 2013, an increase of 45 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 47 percent of total managed municipal solid waste (MSW), resource recovery has fallen from 37 percent to 21 percent, and waste disposal in landfills increased from 22 percent to 29 percent. Overall, recycling and resource recovery have fallen from 76 percent to 68 percent in 2013 while landfilling waste is on the rise. Insufficient processing capacity is an important factor. 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; forty years later in 2009, only 21 landfills continue to accept MSW.

Self-Assessment of Agency Facilities and Assets

St. Louis River Area of Concern

The federal, state and local partners working on this effort have invested extensive resources to date to identify specific locations and contaminants directly linked to the multiple use impairments for these public waters. The partners have prepared project plans and secured funding commitments such that this represents the optimal timing to proceed with the next phases of remedial actions. We have ranked this capital request as our highest priority given the availability of federal funds and the readiness of our federal, state and local partners.

Closed Landfill Construction Program

At the end of FY 2015 we reported the future (over a 30 year timeframe) estimated state obligations from qualified closed landfills as approximately \$210 million. These financial obligations are based on needed remedial construction, as well as the operation and maintenance of these systems. Program staff conducts periodic assessments of the condition of the closed landfills and assign an environmental risk from changing conditions at each site. From this assessment we know that remedial construction is needed at six publicly owned closed landfills covered by the program in the next four years. If this request for capital bonding is not authorized, these construction projects will be significantly delayed. Limited resources for remedial construction are available from the Remediation Fund. Therefore, these projects must wait until capital funding is authorized. Remedial construction projects at privately owned closed landfills, also under the closed landfill program, 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-awarded grants have funded projects for 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. A full listing of all grant recipients is available upon request. 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 to facilitate the recovery of resources and energy.

Thirty-two percent of Minnesota's solid waste is not recovered or processed. Solid waste continues to be dumped into landfills. As a result, new facilities and expansion of existing facilities are needed to ensure the capacity to process solid waste into the future. This request to fund CAP grants will expand Minnesota's capacity to recover resources and energy. Minnesota counties need financial assistance 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 as well as within our program areas.

St. Louis River Area of Concern

As our highest priority, this request is ranked accordingly because of the readiness of multiple partners, availability of federal funding (65% federal, 35% nonfederal), degree of sediment contamination, and inability to remove the use impairments without remediating the known contaminants. Additional urgency for this project comes from the limited time the federal funds will be available.

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 installation of ground water treatment systems to clean up contaminated ground water that threatens public drinking water sources; 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 (ISWM) 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 2014 & 2015

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 |

St. Louis River Area of Concern (SLRAOC)

AT A GLANCE

2016 Request Amount: \$12,705

Priority Ranking: 1

Project Summary: Contaminated sediments in the St. Louis River Area of Concern (SLRAOC) project area will be cleaned up so this area of the river and harbor is no longer listed as impaired.

Project Description

MPCA is requesting funds to complete remediation site design and clean up contaminated sediments at multiple locations in the St. Louis River Estuary. These funds will be incorporated into Great Lakes Legacy Act Partnership Agreements with the US Environmental Protection Agency (EPA) that will leverage federal resources to complete this work. Remedial actions are ready to start at Minnesota Slip and the project planning will follow at Slip C, Northland Pier/AGP Slip, Azcon Corp/Duluth Seaway Port Authority Garfield Slip C, Munger Landing, Mud Lake, Ponds behind Erie Pier, Slip 3, Thomson Reservoir and Scanlon Reservoir. Total cost of this effort is estimated to be \$72.6 million with \$47.19 million to be provided by EPA-Great Lakes Restoration Initiative (GLRI)-Great Lakes Legacy Act (GLLA). The total state bonding need over a 4 year period is \$25.41 million with a request for \$12.705 in 2016 from capital bonding and an equal amount in 2018.

Project Rationale

The St. Louis River Area of Concern (SLRAOC) was listed in 1987 as one of 43 Great Lakes Areas of Concern under the Great Lakes Water Quality Agreement. The EPA and International Joint Commission oversee this work across the Great Lakes. Sediment contamination in the SLRAOC dates from a time prior to the adoption of environmental regulations. Contaminated sediments contribute to eight of the nine recognized impairments in these waters. The SLRAOC Remedial Action Plan (RAP) was adopted and approved by EPA in 2013. The plan identifies some 60 actions required to remove impairments. Included in those actions are 11 actions pertaining to the cleanup of contaminated sediments at the locations identified in this request. The MPCA will implement this plan, clean-up the contaminated sediments, remove beneficial use impairments and ultimately delist the SLRAOC.

Other Considerations

The SLRAOC Remedial Action Plan is recognized by EPA Region 5 Great Lakes National Program Office as a priority project. The Great Lakes Restoration Initiative through the Great Lakes Legacy Act will lead this effort through Great Lakes Legacy Act Partnership Agreement(s) and match funds 35% non-federal to 65 % federal. The MPCA, in partnership with EPA, will develop a project schedule and timeline for remedial design engineering and construction for the remedial site(s) and will follow that timeline with GLLA and MPCA sponsor funding as a Category 2 GLLA project. The MPCA and EPA will explore the possibility of coordinating a single GLLA Partnership Agreement addressing multiple sites if it is deemed to be an efficient and effective way to conduct the design and construction work.

Impact on Agency Operating Budgets

Funding is needed for project management staff costs in the amount of \$864,000 2016 and \$872,000 in 2018. Other site specific project staff will be paid by an EPA Great Lake Restoration Initiative grant funds and Minnesota Clean Water Fund appropriations for implementing the SLRAOC RAP.

Description of Previous Appropriations

There have been no previous appropriations for this project.

Project Contact Person

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Governor's Recommendation

The Governor recommends \$12.705 million in general obligation bonds for this request.

Pollution Control

Project Detail

(\$ in thousands)

St. Louis River Area of Concern (SLRAOC)

PROJECT FUNDING SOURCES

| Funding Source | Prior Years | FY 2016 | FY 2018 | FY 2020 |
|--------------------------------|-------------|------------------|------------------|-------------|
| State Funds Requested | | | | |
| General Obligation Bonds | \$ 0 | \$ 12,705 | \$ 12,705 | \$ 0 |
| Funds Already Committed | | | | |
| | | | | |
| Pending Contributions | | | | |
| Federal Funds | \$ 0 | \$ 23,600 | \$ 23,600 | \$ 0 |
| TOTAL | \$ 0 | \$ 36,305 | \$ 36,305 | \$ 0 |

TOTAL PROJECT COSTS

| Cost Category | Prior Years | FY 2016 | FY 2018 | FY 2020 |
|-------------------------|-------------|------------------|------------------|-------------|
| Property Acquisition | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Predesign Fees | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Design Fees | \$ 0 | \$ 2,541 | \$ 0 | \$ 0 |
| Project Management | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Construction | \$ 0 | \$ 33,764 | \$ 36,305 | \$ 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 | \$ 36,305 | \$ 36,305 | \$ 0 |

IMPACT ON STATE OPERATING COSTS

| Cost Category | FY 2016 | FY 2018 | FY 2020 |
|-------------------------------|---------|---------|---------|
| IT Costs | \$ 0 | \$ 0 | \$ 0 |
| Operating Budget Impact (\$) | \$ 864 | \$ 872 | \$ 0 |
| Operating Budget Impact (FTE) | 4.0 | 4.0 | 0.0 |

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

| | Amount | Percent of Total |
|----------------|-----------|------------------|
| General Fund | \$ 12,705 | 100 % |
| User Financing | \$ 0 | 0 % |

STATUTORY REQUIREMENTS

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

| | |
|---|-----|
| M.S. 16B.335 (1a): Construction/Major Remodeling Review (by Legislature) | No |
| M.S. 16B.335(3): Predesign Review Required (by Dept. of Administration) | |
| 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 |
| M.S. 16B.325(1): Sustainable Building Guidelines Met | N/A |
| M.S. 16B.325(2) and M.S. 16B.335(4): Energy Conservation Guidelines | |
| Do the project designs meet the guidelines? | N/A |
| Does the project demonstrate compliance with the standards? | N/A |
| M.S. 16B.335(5 & 6): Information Technology Review (by MN.IT) | N/A |
| M.S. 16A.695: Public Ownership Required | Yes |
| M.S. 16A.695(2): Use Agreement Required | No |
| M.S. 16A.695(5): Program Funding Review Required (by granting agency) | N/A |
| M.S. 16A.86 (4b): Matching Funds Required | N/A |
| M.S. 16A. 642: Project Cancellation in 2021 | 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 |

Closed Landfill Construction: Freeway Landfill**AT A GLANCE****2016 Request Amount:** \$64,500**Priority Ranking:** 2**Project Summary:** \$61.5 million in capital bonding and \$3.0 million in general fund funding is requested to design and construct a lined landfill within the current waste footprint of the Freeway Landfill in the City of Burnsville. The landfill will be equipped with appropriate leachate collection equipment and an active gas collection/flare system. A flood protection berm will be part of the overall construction.**Project Description**

Design, bidding assistance, construction and oversight are all components of the overall Freeway Landfill construction project. Cost of the project is estimated at \$64.5 million and will take approximately 5 years to complete.

Project Rationale

Construction is needed at the Freeway Landfill to address public health and environmental concerns. The Freeway Landfill 132 acre waste footprint contains 5 million cubic yards of waste and does not have a gas venting system. The existing cover does not meet current standards and contaminants from the waste are leaching into the ground water. Construction of a consolidated 84 acre lined landfill (with buffer) will protect the Minnesota River, eliminate gas migration and stop ground water contamination. In addition, cleanup will remove this site from the EPA's Superfund National Priority List.

Other Considerations

The cost of this remediation construction project can only be addressed through a capital bonding request. Funding for closed landfill construction of this magnitude are not available from the Remediation Fund.

Impact on Agency Operating Budgets

The legislature authorizes a direct appropriation from the Remediation Fund for the staffing and administrative costs of the Closed Landfill Program. We will use existing staff as project managers and therefore not request an increase to our operating budget.

Description of Previous Appropriations

No previous capital bond appropriations have been made for this project.

Project Contact Person

Doug Day

Closed Landfill Program Supervisor

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Governor's Recommendation

The Governor does not recommend capital funding for this request.

Pollution Control

Project Detail

(\$ in thousands)

Closed Landfill Construction: Freeway Landfill

PROJECT FUNDING SOURCES

| Funding Source | Prior Years | FY 2016 | FY 2018 | FY 2020 |
|--------------------------------|-------------|------------------|-------------|-------------|
| State Funds Requested | | | | |
| General Obligation Bonds | \$ 0 | \$ 61,500 | \$ 0 | \$ 0 |
| General Fund Cash | \$ 0 | \$ 3,000 | \$ 0 | \$ 0 |
| Funds Already Committed | | | | |
| | | | | |
| Pending Contributions | | | | |
| | | | | |
| TOTAL | \$ 0 | \$ 64,500 | \$ 0 | \$ 0 |

TOTAL PROJECT COSTS

| Cost Category | Prior Years | FY 2016 | FY 2018 | FY 2020 |
|-------------------------|-------------|------------------|-------------|-------------|
| Property Acquisition | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Predesign Fees | \$ 0 | \$ 300 | \$ 0 | \$ 0 |
| Design Fees | \$ 0 | \$ 1,300 | \$ 0 | \$ 0 |
| Project Management | \$ 0 | \$ 2,500 | \$ 0 | \$ 0 |
| Construction | \$ 0 | \$ 60,400 | \$ 0 | \$ 0 |
| Relocation Expenses | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| One Percent for Art | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Occupancy Costs | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Inflationary Adjustment | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| TOTAL | \$ 0 | \$ 64,500 | \$ 0 | \$ 0 |

IMPACT ON STATE OPERATING COSTS

| Cost Category | FY 2016 | FY 2018 | FY 2020 |
|-------------------------------|---------|---------|---------|
| 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 | \$ 61,500 | 100 % |
| User Financing | \$ 0 | 0 % |

STATUTORY REQUIREMENTS

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

| | |
|---|-----|
| M.S. 16B.335 (1a): Construction/Major Remodeling Review (by Legislature) | No |
| M.S. 16B.335(3): Predesign Review Required (by Dept. of Administration) | |
| 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 |
| M.S. 16B.325(1): Sustainable Building Guidelines Met | N/A |
| M.S. 16B.325(2) and M.S. 16B.335(4): Energy Conservation Guidelines | |
| Do the project designs meet the guidelines? | N/A |
| Does the project demonstrate compliance with the standards? | N/A |
| M.S. 16B.335(5 & 6): Information Technology Review (by MN.IT) | N/A |
| M.S. 16A.695: Public Ownership Required | Yes |
| M.S. 16A.695(2): Use Agreement Required | No |
| M.S. 16A.695(5): Program Funding Review Required (by granting agency) | N/A |
| M.S. 16A.86 (4b): Matching Funds Required | N/A |
| M.S. 16A. 642: Project Cancellation in 2021 | 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 |

Closed Landfill Construction: Waste Disposal Engineering (WDE) Landfill**AT A GLANCE****2016 Request Amount:** \$12,000**Priority Ranking:** 3**Project Summary:** \$12.0 million is requested to design and construct a partial replacement of the Waste Disposal Engineering (WDE) Landfill.**Project Description**

The WDE Landfill included 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 the groundwater and presenting other health and environmental concerns. Residential development is 200 feet from the landfill and, while homes are served by municipal water supplies, concerns exist with regard to gas and vapor migration. Bond funds would be used to design and implement the safe removal and proper disposal of the hazardous waste as well as the contaminated soils beneath the pit and reconstruction of a portion of 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 groundwater and surface waters. Currently, 113 landfills are eligible for the Closed Landfill Program.

Other Considerations

The cost of remediation construction project can only be addressed through a capital bonding request. Funding for closed landfill construction of this magnitude is not available from the Remediation Fund.

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 capital bonding does not affect our annual operating budget.

Description of Previous Appropriations

No previous capital bond appropriations have been made for this project.

Project Contact Person

Doug Day
Closed Landfill Program Supervisor
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Governor's Recommendation

The Governor recommends \$12 million in general obligation bonds for this request.

Pollution Control

Project Detail

(\$ in thousands)

Closed Landfill Construction: Waste Disposal Engineering (WDE) Landfill

PROJECT FUNDING SOURCES

| Funding Source | Prior Years | FY 2016 | FY 2018 | FY 2020 |
|--------------------------------|-------------|------------------|-------------|-------------|
| State Funds Requested | | | | |
| General Obligation Bonds | \$ 0 | \$ 12,000 | \$ 0 | \$ 0 |
| Funds Already Committed | | | | |
| | | | | |
| Pending Contributions | | | | |
| | | | | |
| TOTAL | \$ 0 | \$ 12,000 | \$ 0 | \$ 0 |

TOTAL PROJECT COSTS

| Cost Category | Prior Years | FY 2016 | FY 2018 | FY 2020 |
|-------------------------|-------------|------------------|-------------|-------------|
| Property Acquisition | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Predesign Fees | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Design Fees | \$ 0 | \$ 300 | \$ 0 | \$ 0 |
| Project Management | \$ 0 | \$ 200 | \$ 0 | \$ 0 |
| Construction | \$ 0 | \$ 11,500 | \$ 0 | \$ 0 |
| Relocation Expenses | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| One Percent for Art | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Occupancy Costs | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Inflationary Adjustment | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| TOTAL | \$ 0 | \$ 12,000 | \$ 0 | \$ 0 |

IMPACT ON STATE OPERATING COSTS

| Cost Category | FY 2016 | FY 2018 | FY 2020 |
|-------------------------------|---------|---------|---------|
| 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 | \$ 12,000 | 100 % |
| User Financing | \$ 0 | 0 % |

STATUTORY REQUIREMENTS

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

| | |
|---|-----|
| M.S. 16B.335 (1a): Construction/Major Remodeling Review (by Legislature) | No |
| M.S. 16B.335(3): Predesign Review Required (by Dept. of Administration) | |
| 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 |
| M.S. 16B.325(1): Sustainable Building Guidelines Met | N/A |
| M.S. 16B.325(2) and M.S. 16B.335(4): Energy Conservation Guidelines | |
| Do the project designs meet the guidelines? | N/A |
| Does the project demonstrate compliance with the standards? | N/A |
| M.S. 16B.335(5 & 6): Information Technology Review (by MN.IT) | N/A |
| M.S. 16A.695: Public Ownership Required | Yes |
| M.S. 16A.695(2): Use Agreement Required | No |
| M.S. 16A.695(5): Program Funding Review Required (by granting agency) | N/A |
| M.S. 16A.86 (4b): Matching Funds Required | N/A |
| M.S. 16A. 642: Project Cancellation in 2021 | 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 |

Capital Assistance Program: Polk County**AT A GLANCE****2016 Request Amount:** \$9,250**Priority Ranking:** 4**Project Summary:** \$9.25 million is requested in 2016 for a grant to Polk County for the Phase 2 construction of a regional integrated solid waste management system.**Project Description**

Phase 1 funding provided for the final design and bid specifications for what will be constructed and equipped in Phase 2. Phase 2 funding will provide for construction and equipment for the following: 1) transfer station in Park Rapids (Hubbard County); 2) transfer station in Crookston (Polk County); 3) Source-Separated Organics Compost Site (Polk County); and 4) new boiler at the resource recovery facility. The transfer stations will send waste to the Polk County Resource Recovery Facility for processing. These projects are key to the integrated solid waste management system being developed for the 6-county region consisting of Beltrami, Clearwater, Hubbard, Mahnommen, Norman and Polk.

Project Rationale

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

Other Considerations

No other considerations are applicable.

Impact on Agency Operating Budgets

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

Description of Previous Appropriations

Laws 2015, 1SS Chapter 5 \$8.0 million

Project Contact Person

Rick Patraw

Community and Business Assistance Management
651-757-2640
rick.patraw@state.mn.us

Governor's Recommendation

The Governor does not recommend capital funding for this request.

Pollution Control

Project Detail

(\$ in thousands)

Capital Assistance Program: Polk County

PROJECT FUNDING SOURCES

| Funding Source | Prior Years | FY 2016 | FY 2018 | FY 2020 |
|--------------------------------|-----------------|------------------|-------------|-------------|
| State Funds Requested | | | | |
| General Obligation Bonds | \$ 8,000 | \$ 9,250 | \$ 0 | \$ 0 |
| Funds Already Committed | | | | |
| | | | | |
| Pending Contributions | | | | |
| County Funds | \$ 0 | \$ 10,750 | \$ 0 | \$ 0 |
| TOTAL | \$ 8,000 | \$ 20,000 | \$ 0 | \$ 0 |

TOTAL PROJECT COSTS

| Cost Category | Prior Years | FY 2016 | FY 2018 | FY 2020 |
|-------------------------|-----------------|------------------|-------------|-------------|
| 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 | \$ 8,000 | \$ 20,000 | \$ 0 | \$ 0 |
| Relocation Expenses | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| One Percent for Art | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Occupancy Costs | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Inflationary Adjustment | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| TOTAL | \$ 8,000 | \$ 20,000 | \$ 0 | \$ 0 |

IMPACT ON STATE OPERATING COSTS

| Cost Category | FY 2016 | FY 2018 | FY 2020 |
|-------------------------------|---------|---------|---------|
| IT Costs | \$ 0 | \$ 0 | \$ 0 |
| Operating Budget Impact (\$) | \$ 0 | \$ 0 | \$ 0 |
| Operating Budget Impact (FTE) | 0.0 | 0.0 | 0.0 |

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

| | Amount | Percent of Total |
|----------------|----------|------------------|
| General Fund | \$ 9,250 | 100 % |
| User Financing | \$ 0 | 0 % |

STATUTORY REQUIREMENTS

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

| | |
|---|-----|
| M.S. 16B.335 (1a): Construction/Major Remodeling Review (by Legislature) | No |
| M.S. 16B.335(3): Predesign Review Required (by Dept. of Administration) | |
| 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 |
| M.S. 16B.325(1): Sustainable Building Guidelines Met | N/A |
| M.S. 16B.325(2) and M.S. 16B.335(4): Energy Conservation Guidelines | |
| Do the project designs meet the guidelines? | N/A |
| Does the project demonstrate compliance with the standards? | N/A |
| M.S. 16B.335(5 & 6): Information Technology Review (by MN.IT) | N/A |
| M.S. 16A.695: Public Ownership Required | Yes |
| M.S. 16A.695(2): Use Agreement Required | No |
| M.S. 16A.695(5): Program Funding Review Required (by granting agency) | Yes |
| M.S. 16A.86 (4b): Matching Funds Required | Yes |
| M.S. 16A. 642: Project Cancellation in 2021 | 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 |

Capital Assistance Program: Clay County**AT A GLANCE****2016 Request Amount:** \$8,500**Priority Ranking:** 5**Project Summary:** \$8.5 million is requested in 2016 for a grant to Clay County for Phase 2 construction of an integrated solid waste management system.**Project Description**

Phase 1 funding is providing for final design and engineering services for what will be constructed and equipped in Phase 2. Phase 2 funding will provide for the purchase of land, construction and equipment of a new transfer station and problem materials facility, and construction and equipment of a single-sort materials recovery facility. The new transfer station will send waste for processing to the resource recovery facility in Perham, MN. The new materials recovery facility will be designed to process mixed recyclables and service the Prairie Lakes Municipal Solid Waste Authority (Becker, Clay, Otter Tail, Todd, and Wadena counties) and other interested cities and counties.

Project Rationale

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

Other Considerations

No other considerations are applicable.

Impact on Agency Operating Budgets

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

Description of Previous Appropriations

Laws 2015, 1SS Chapter 5 \$600,000

Project Contact Person

Rick Patraw
Community and Business Assistance Manager

651-757-2640
rick.patraw@state.mn.us

Governor's Recommendation

The Governor does not recommend capital funding for this request.

Pollution Control

Project Detail

(\$ in thousands)

Capital Assistance Program: Clay County

PROJECT FUNDING SOURCES

| Funding Source | Prior Years | FY 2016 | FY 2018 | FY 2020 |
|--------------------------------|---------------|------------------|-------------|-------------|
| State Funds Requested | | | | |
| General Obligation Bonds | \$ 600 | \$ 8,500 | \$ 0 | \$ 0 |
| Funds Already Committed | | | | |
| | | | | |
| Pending Contributions | | | | |
| County Funds | \$ 0 | \$ 9,300 | \$ 0 | \$ 0 |
| TOTAL | \$ 600 | \$ 17,800 | \$ 0 | \$ 0 |

TOTAL PROJECT COSTS

| Cost Category | Prior Years | FY 2016 | FY 2018 | FY 2020 |
|-------------------------|---------------|------------------|-------------|-------------|
| Property Acquisition | \$ 0 | \$ 1,000 | \$ 0 | \$ 0 |
| Predesign Fees | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Design Fees | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Project Management | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Construction | \$ 600 | \$ 16,800 | \$ 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 | \$ 600 | \$ 17,800 | \$ 0 | \$ 0 |

IMPACT ON STATE OPERATING COSTS

| Cost Category | FY 2016 | FY 2018 | FY 2020 |
|-------------------------------|---------|---------|---------|
| IT Costs | \$ 0 | \$ 0 | \$ 0 |
| Operating Budget Impact (\$) | \$ 0 | \$ 0 | \$ 0 |
| Operating Budget Impact (FTE) | 0.0 | 0.0 | 0.0 |

SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

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

STATUTORY REQUIREMENTS

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

| | |
|---|-----|
| M.S. 16B.335 (1a): Construction/Major Remodeling Review (by Legislature) | No |
| M.S. 16B.335(3): Predesign Review Required (by Dept. of Administration) | |
| 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 |
| M.S. 16B.325(1): Sustainable Building Guidelines Met | N/A |
| M.S. 16B.325(2) and M.S. 16B.335(4): Energy Conservation Guidelines | |
| Do the project designs meet the guidelines? | N/A |
| Does the project demonstrate compliance with the standards? | N/A |
| M.S. 16B.335(5 & 6): Information Technology Review (by MN.IT) | N/A |
| M.S. 16A.695: Public Ownership Required | Yes |
| M.S. 16A.695(2): Use Agreement Required | No |
| M.S. 16A.695(5): Program Funding Review Required (by granting agency) | Yes |
| M.S. 16A.86 (4b): Matching Funds Required | Yes |
| M.S. 16A. 642: Project Cancellation in 2021 | 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 |

Capital Assistance Program: McLeod County**AT A GLANCE****2016 Request Amount:** \$2,500**Priority Ranking:** 6**Project Summary:** \$2.5 million is requested in 2016 for a grant to McLeod County for the Phase 2 construction of an integrated solid waste management system.**Project Description**

Phase 1 funding is providing for final design and engineering services for the proposed recycling facility. Phase 2 funding will provide for the construction and equipping of a new building for processing materials such as electronics, mattresses, expanded polystyrene, and agricultural plastic. McLeod is proposing to become a regional facility serving surrounding Central, North Central, and Southwestern MN counties.

Project Rationale

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

Other Considerations

No other considerations are applicable.

Impact on Agency Operating Budgets

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

Description of Previous Appropriations

Laws 2015, 1SS Chapter 5 \$600,000

Project Contact Person

Rick Patraw
Community and Business Assistance Manager
651-757-2640
rick.patraw@state.mn.us

Governor's Recommendation

The Governor does not recommend capital funding for this request.

Pollution Control

Project Detail

(\$ in thousands)

Capital Assistance Program: McLeod County

PROJECT FUNDING SOURCES

| Funding Source | Prior Years | FY 2016 | FY 2018 | FY 2020 |
|--------------------------------|---------------|-----------------|-------------|-------------|
| State Funds Requested | | | | |
| General Obligation Bonds | \$ 600 | \$ 2,500 | \$ 0 | \$ 0 |
| Funds Already Committed | | | | |
| | | | | |
| Pending Contributions | | | | |
| County Funds | \$ 0 | \$ 3,100 | \$ 0 | \$ 0 |
| TOTAL | \$ 600 | \$ 5,600 | \$ 0 | \$ 0 |

TOTAL PROJECT COSTS

| Cost Category | Prior Years | FY 2016 | FY 2018 | FY 2020 |
|-------------------------|---------------|-----------------|-------------|-------------|
| 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 | \$ 600 | \$ 5,600 | \$ 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 | \$ 600 | \$ 5,600 | \$ 0 | \$ 0 |

IMPACT ON STATE OPERATING COSTS

| Cost Category | FY 2016 | FY 2018 | FY 2020 |
|-------------------------------|---------|---------|---------|
| 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 | \$ 2,500 | 100 % |
| User Financing | \$ 0 | 0 % |

STATUTORY REQUIREMENTS

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

| | |
|---|-----|
| M.S. 16B.335 (1a): Construction/Major Remodeling Review (by Legislature) | No |
| M.S. 16B.335(3): Predesign Review Required (by Dept. of Administration) | |
| 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 |
| M.S. 16B.325(1): Sustainable Building Guidelines Met | No |
| M.S. 16B.325(2) and M.S. 16B.335(4): Energy Conservation Guidelines | |
| Do the project designs meet the guidelines? | N/A |
| Does the project demonstrate compliance with the standards? | N/A |
| M.S. 16B.335(5 & 6): Information Technology Review (by MN.IT) | N/A |
| M.S. 16A.695: Public Ownership Required | Yes |
| M.S. 16A.695(2): Use Agreement Required | No |
| M.S. 16A.695(5): Program Funding Review Required (by granting agency) | Yes |
| M.S. 16A.86 (4b): Matching Funds Required | Yes |
| M.S. 16A. 642: Project Cancellation in 2021 | 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 |

Closed Landfill Construction: Carlton County #2 Landfill

AT A GLANCE

2016 Request Amount: \$0

Priority Ranking: 7

Project Summary: In 2018, \$3.1 million is requested to bring Carlton County #2 Landfill to current cover standards and address ground water impacts.

Project Description

Carlton County discontinued solid waste disposal operations at this site in 1993. A portion of the landfill has a cover that meets today's standards. However, a portion of the site was closed to lesser standards and significant settling has occurred. Groundwater contamination was recently discovered impacting several nearby residential wells. Water treatment systems have been installed for the residences but the local geology has made effective treatment difficult. Bond funds would be used to design and implement an upgrade of the cover system to current standards and consider other water treatment options.

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 groundwater and surface waters. Currently, 113 landfills are eligible for the Closed Landfill Program.

Other Considerations

Closed landfill program construction includes the land acquisition, design and construction of remedial systems at closed landfills throughout the state.

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 funding request does not affect our annual operating budget.

Description of Previous Appropriations

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

Project Contact Person

Doug Day
 Closed Landfill Program Supervisor
 651-757-2302
 Douglas.day@state.mn.us

Governor's Recommendation

The Governor does not recommend capital funding for this request.

Pollution Control

Project Detail

(\$ in thousands)

Closed Landfill Construction: Carlton County #2 Landfill

PROJECT FUNDING SOURCES

| Funding Source | Prior Years | FY 2016 | FY 2018 | FY 2020 |
|--------------------------------|-------------|-------------|-----------------|-------------|
| State Funds Requested | | | | |
| General Obligation Bonds | \$ 0 | \$ 0 | \$ 3,100 | \$ 0 |
| Funds Already Committed | | | | |
| | | | | |
| Pending Contributions | | | | |
| | | | | |
| TOTAL | \$ 0 | \$ 0 | \$ 3,100 | \$ 0 |

TOTAL PROJECT COSTS

| Cost Category | Prior Years | FY 2016 | FY 2018 | FY 2020 |
|-------------------------|-------------|-------------|-----------------|-------------|
| Property Acquisition | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Predesign Fees | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Design Fees | \$ 0 | \$ 0 | \$ 150 | \$ 0 |
| Project Management | \$ 0 | \$ 0 | \$ 50 | \$ 0 |
| Construction | \$ 0 | \$ 0 | \$ 2,900 | \$ 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 | \$ 0 | \$ 3,100 | \$ 0 |

IMPACT ON STATE OPERATING COSTS

| Cost Category | FY 2016 | FY 2018 | FY 2020 |
|-------------------------------|---------|---------|---------|
| 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 | \$ 0 | |
| User Financing | \$ 0 | |

STATUTORY REQUIREMENTS

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

| | |
|---|-----|
| M.S. 16B.335 (1a): Construction/Major Remodeling Review (by Legislature) | No |
| M.S. 16B.335(3): Predesign Review Required (by Dept. of Administration) | |
| 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 |
| M.S. 16B.325(1): Sustainable Building Guidelines Met | N/A |
| M.S. 16B.325(2) and M.S. 16B.335(4): Energy Conservation Guidelines | |
| Do the project designs meet the guidelines? | N/A |
| Does the project demonstrate compliance with the standards? | N/A |
| M.S. 16B.335(5 & 6): Information Technology Review (by MN.IT) | N/A |
| M.S. 16A.695: Public Ownership Required | Yes |
| M.S. 16A.695(2): Use Agreement Required | No |
| M.S. 16A.695(5): Program Funding Review Required (by granting agency) | N/A |
| M.S. 16A.86 (4b): Matching Funds Required | N/A |
| M.S. 16A. 642: Project Cancellation in 2021 | 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 |

Closed Landfill Construction: Hoyt Lakes Landfill**AT A GLANCE****2016 Request Amount:** \$0**Priority Ranking:** 8**Project Summary:** In 2018, \$1.8 million is requested to bring Hoyt Lakes Landfill to current cover standards and address adjacent unpermitted dump.**Project Description**

The Hoyt Lakes Landfill was closed to lesser cover standards in 1991. Significant groundwater contamination exists at the site. An unpermitted and only partially-covered dump was also discovered adjacent to the landfill and is considered part of the qualified facility. Bond funds would be used to design, consolidate and construct a landfill to current standards.

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 groundwater and surface waters. Currently, 113 landfills are eligible for the Closed Landfill Program.

Other Considerations

No other considerations are applicable.

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 funding request does not affect our annual operating budget

Description of Previous Appropriations

No previous capital bonding appropriations for this project.

Project Contact Person

Doug Day
Closed Landfill Program Supervisor
651-757-2302
Douglas.day@state.mn.us

Governor's Recommendation

The Governor does not recommend capital funding for this request.

Pollution Control

Project Detail

(\$ in thousands)

Closed Landfill Construction: Hoyt Lakes Landfill

PROJECT FUNDING SOURCES

| Funding Source | Prior Years | FY 2016 | FY 2018 | FY 2020 |
|--------------------------------|-------------|-------------|-----------------|-------------|
| State Funds Requested | | | | |
| General Obligation Bonds | \$ 0 | \$ 0 | \$ 1,800 | \$ 0 |
| Funds Already Committed | | | | |
| | | | | |
| Pending Contributions | | | | |
| | | | | |
| TOTAL | \$ 0 | \$ 0 | \$ 1,800 | \$ 0 |

TOTAL PROJECT COSTS

| Cost Category | Prior Years | FY 2016 | FY 2018 | FY 2020 |
|-------------------------|-------------|-------------|-----------------|-------------|
| Property Acquisition | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Predesign Fees | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Design Fees | \$ 0 | \$ 0 | \$ 80 | \$ 0 |
| Project Management | \$ 0 | \$ 0 | \$ 50 | \$ 0 |
| Construction | \$ 0 | \$ 0 | \$ 1,670 | \$ 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 | \$ 0 | \$ 1,800 | \$ 0 |

IMPACT ON STATE OPERATING COSTS

| Cost Category | FY 2016 | FY 2018 | FY 2020 |
|-------------------------------|---------|---------|---------|
| 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 | \$ 0 | |
| User Financing | \$ 0 | |

STATUTORY REQUIREMENTS

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

| | |
|---|-----|
| M.S. 16B.335 (1a): Construction/Major Remodeling Review (by Legislature) | No |
| M.S. 16B.335(3): Predesign Review Required (by Dept. of Administration) | |
| 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 |
| M.S. 16B.325(1): Sustainable Building Guidelines Met | N/A |
| M.S. 16B.325(2) and M.S. 16B.335(4): Energy Conservation Guidelines | |
| Do the project designs meet the guidelines? | N/A |
| Does the project demonstrate compliance with the standards? | N/A |
| M.S. 16B.335(5 & 6): Information Technology Review (by MN.IT) | N/A |
| M.S. 16A.695: Public Ownership Required | Yes |
| M.S. 16A.695(2): Use Agreement Required | No |
| M.S. 16A.695(5): Program Funding Review Required (by granting agency) | N/A |
| M.S. 16A.86 (4b): Matching Funds Required | N/A |
| M.S. 16A. 642: Project Cancellation in 2021 | 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 |

Closed Landfill Construction: Brookston Area Landfill**AT A GLANCE****2016 Request Amount:** \$0**Priority Ranking:** 9**Project Summary:** In 2018, \$1 million is requested to bring Brookston Area landfill to current cover standards.**Project Description**

St. Louis County discontinued solid waste disposal operations at this site in 1991. The site was closed to minimal closure standards in effect at the time. Differential settling is evident. Groundwater contamination and methane gas migration is also occurring at the site. Bond funds would be used to design, consolidation the waste and upgrade the cover system to current standards. The cover system would include adequate gas venting.

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 groundwater and surface waters. Currently, 113 landfills are eligible for the Closed Landfill Program.

Other Considerations

No other considerations are applicable.

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 funding request does not affect our annual operating budget.

Description of Previous Appropriations

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

Project Contact Person

Doug Day
Closed Landfill Program Supervisor
651-757-2302
Doug.day@state.mn.us

Governor's Recommendation

The Governor does not recommend capital funding for this request.

Pollution Control

Project Detail

(\$ in thousands)

Closed Landfill Construction: Brookston Area Landfill

PROJECT FUNDING SOURCES

| Funding Source | Prior Years | FY 2016 | FY 2018 | FY 2020 |
|--------------------------------|-------------|-------------|-----------------|-------------|
| State Funds Requested | | | | |
| General Obligation Bonds | \$ 0 | \$ 0 | \$ 1,000 | \$ 0 |
| Funds Already Committed | | | | |
| | | | | |
| Pending Contributions | | | | |
| | | | | |
| TOTAL | \$ 0 | \$ 0 | \$ 1,000 | \$ 0 |

TOTAL PROJECT COSTS

| Cost Category | Prior Years | FY 2016 | FY 2018 | FY 2020 |
|-------------------------|-------------|-------------|-----------------|-------------|
| Property Acquisition | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Predesign Fees | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Design Fees | \$ 0 | \$ 0 | \$ 70 | \$ 0 |
| Project Management | \$ 0 | \$ 0 | \$ 30 | \$ 0 |
| Construction | \$ 0 | \$ 0 | \$ 900 | \$ 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 | \$ 0 | \$ 1,000 | \$ 0 |

IMPACT ON STATE OPERATING COSTS

| Cost Category | FY 2016 | FY 2018 | FY 2020 |
|-------------------------------|---------|---------|---------|
| 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 | \$ 0 | |
| User Financing | \$ 0 | |

STATUTORY REQUIREMENTS

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

| | |
|---|-----|
| M.S. 16B.335 (1a): Construction/Major Remodeling Review (by Legislature) | No |
| M.S. 16B.335(3): Predesign Review Required (by Dept. of Administration) | |
| 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 |
| M.S. 16B.325(1): Sustainable Building Guidelines Met | N/A |
| M.S. 16B.325(2) and M.S. 16B.335(4): Energy Conservation Guidelines | |
| Do the project designs meet the guidelines? | N/A |
| Does the project demonstrate compliance with the standards? | N/A |
| M.S. 16B.335(5 & 6): Information Technology Review (by MN.IT) | N/A |
| M.S. 16A.695: Public Ownership Required | Yes |
| M.S. 16A.695(2): Use Agreement Required | No |
| M.S. 16A.695(5): Program Funding Review Required (by granting agency) | N/A |
| M.S. 16A.86 (4b): Matching Funds Required | N/A |
| M.S. 16A. 642: Project Cancellation in 2021 | 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 |

Closed Landfill Construction: Louisville Landfill**AT A GLANCE****2016 Request Amount:** \$0**Priority Ranking:** 10**Project Summary:** In 2018, \$1.2 million is requested to design and construct remedial systems at publicly-owned state-permitted closed solid waste landfills. Work includes improvements to landfill covers, relocating waste materials, and installing landfill gas treatment systems.**Project Description**

The Louisville Landfill was originally a dump and was later permitted by the state in 1971. The site closed in 1990. The Closed Landfill Program installed a cover system and an active gas collection system to address gas migration. However, differential settling over the past few years has severely reduced the effectiveness of the gas system. Bond funds would be used to address the current settlement issues and ineffective gas collection system.

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 groundwater and surface waters. Currently, 113 landfills are eligible for the Closed Landfill Program.

Other Considerations

No other considerations are applicable.

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 funding request does not affect our annual operating budget.

Description of Previous Appropriations

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

Project Contact Person

Doug Day

Closed Landfill Program Supervisor

651-757-2302

Douglas.day@state.mn.us

Governor's Recommendation

The Governor does not recommend capital funding for this request.

Pollution Control

Project Detail

(\$ in thousands)

Closed Landfill Construction: Louisville Landfill

PROJECT FUNDING SOURCES

| Funding Source | Prior Years | FY 2016 | FY 2018 | FY 2020 |
|--------------------------------|-------------|-------------|-----------------|-------------|
| State Funds Requested | | | | |
| General Obligation Bonds | \$ 0 | \$ 0 | \$ 1,200 | \$ 0 |
| Funds Already Committed | | | | |
| | | | | |
| Pending Contributions | | | | |
| | | | | |
| TOTAL | \$ 0 | \$ 0 | \$ 1,200 | \$ 0 |

TOTAL PROJECT COSTS

| Cost Category | Prior Years | FY 2016 | FY 2018 | FY 2020 |
|-------------------------|-------------|-------------|-----------------|-------------|
| Property Acquisition | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Predesign Fees | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Design Fees | \$ 0 | \$ 0 | \$ 60 | \$ 0 |
| Project Management | \$ 0 | \$ 0 | \$ 50 | \$ 0 |
| Construction | \$ 0 | \$ 0 | \$ 1,090 | \$ 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 | \$ 0 | \$ 1,200 | \$ 0 |

IMPACT ON STATE OPERATING COSTS

| Cost Category | FY 2016 | FY 2018 | FY 2020 |
|-------------------------------|---------|---------|---------|
| 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 | \$ 0 | |
| User Financing | \$ 0 | |

STATUTORY REQUIREMENTS

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

| | |
|---|-----|
| M.S. 16B.335 (1a): Construction/Major Remodeling Review (by Legislature) | No |
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| 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 |
| M.S. 16B.325(1): Sustainable Building Guidelines Met | N/A |
| M.S. 16B.325(2) and M.S. 16B.335(4): Energy Conservation Guidelines | |
| Do the project designs meet the guidelines? | N/A |
| Does the project demonstrate compliance with the standards? | N/A |
| M.S. 16B.335(5 & 6): Information Technology Review (by MN.IT) | N/A |
| M.S. 16A.695: Public Ownership Required | Yes |
| M.S. 16A.695(2): Use Agreement Required | No |
| M.S. 16A.695(5): Program Funding Review Required (by granting agency) | N/A |
| M.S. 16A.86 (4b): Matching Funds Required | N/A |
| M.S. 16A. 642: Project Cancellation in 2021 | 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 |