

# Pollution Control

# Projects Summary

(\$ in thousands)

Project Requests for State Funds					
Project Title	Priority Ranking	Funding Source	2016	2018	2020
St. Louis River Area of Concern (SLRAOC)	1	GO	\$ 12,705	\$ 12,705	\$ 0
		GF	\$ 864	\$ 872	\$ 0
Closed Landfill Construction: Freeway Landfill	2	GO	\$ 29,500	\$ 35,000	\$ 0
Closed Landfill Construction: Waste Disposal Engineering (WDE) Landfill	3	GO	\$ 12,000	\$ 0	\$ 0
Drinking Water Treatment System	4	GO	\$ 500	\$ 3,500	\$ 0
Capital Assistance Program: Polk County	5	GO	\$ 9,250	\$ 0	\$ 0
Capital Assistance Program: Clay County	6	GO	\$ 8,500	\$ 0	\$ 0
Capital Assistance Program: McLeod County	7	GO	\$ 2,500	\$ 0	\$ 0
Clean Energy Vehicles for a Better Minnesota	8	GO	\$ 5,000	\$ 0	\$ 0
Closed Landfill Construction: Carlton County #2 Landfill	9	GO	\$ 0	\$ 3,100	\$ 0
Closed Landfill Construction: Hoyt Lakes Landfill	10	GO	\$ 0	\$ 1,800	\$ 0
Closed Landfill Construction: Brookston Area Landfill	11	GO	\$ 0	\$ 1,000	\$ 0
Closed Landfill Construction: Louisville Landfill	12	GO	\$ 0	\$ 1,200	\$ 0
<b>Total Project Requests</b>			<b>\$ 80,819</b>	<b>\$ 59,177</b>	<b>\$ 0</b>
<b>General Obligation Bonds (GO) Total</b>			<b>\$ 79,955</b>	<b>\$ 58,305</b>	<b>\$ 0</b>
<b>General Fund Cash (GF) Total</b>			<b>\$ 864</b>	<b>\$ 872</b>	<b>\$ 0</b>

**St. Louis River Area of Concern (SLRAOC)**

**AT A GLANCE**

<b>2016 Request Amount:</b>	\$13,569
<b>Priority Ranking:</b>	1
<b>Project Summary:</b>	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 USEPA 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 USEPA-GLRI-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. In addition, we are requesting \$864,000 from the General Fund in 2016 for related staff costs and \$872,000 from the General Fund for staff costs 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 USEPA 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 USEPA 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 USEPA 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 USEPA, 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 USEPA 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**

In addition to the funding we are requesting from the General Fund for project management staff costs, site specific project staff will be paid by USEPA Great Lake Restoration Initiative grant funds and Minnesota Clean Water Fund appropriations for implementing the SLRAOC RAP.

### **Description of Previous Appropriations**

#### **Project Contact Person**

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**Closed Landfill Construction: Freeway Landfill**

**AT A GLANCE**

**2016 Request Amount:** \$29,500

**Priority Ranking:** 2

**Project Summary:** \$64.5 million in capital bonding 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 more than 5 years. We are requesting capital bonding of \$29.5 million in 2016 and \$35 million in 2018.

**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**

- 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, Chapter 179 \$27.50 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**

Doug Day  
Closed Landfill Program Supervisor  
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**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****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 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, Chapter 179 \$27.50 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**

Doug Day

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**Drinking Water Treatment System**

**AT A GLANCE**

**2016 Request Amount:** \$500

**Priority Ranking:** 4

**Project Summary:**

**Project Description**

**Project Rationale**

**Other Considerations**

**Impact on Agency Operating Budgets**

**Description of Previous Appropriations**

Laws of 2015m 1st SS, Chap 5 authorized \$1.75 million for municipal water treatment systems that were impacted by chemical contamination and posed a threat to human health.

**Project Contact Person**

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Section Manager

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**Capital Assistance Program: Polk County****AT A GLANCE****2016 Request Amount:** \$9,250**Priority Ranking:** 5**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**

This request will provide grant funding for the following project: Polk County - \$9.25 million. Total project cost: \$28.0 million; non-state funding: \$10.75 million; state funding \$17.25 million. CAP grant: \$8.0 million authorized in 2015 for Phase 1; \$9.25 million requested in 2016 for Phase 2. Project construction includes a resource recovery facility expansion in City of Fosston, and new transfer stations in Beltrami, Hubbard and Polk counties to service the Polk County resource recovery facility.

**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****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 \$9.28 million

Laws 2014, Chapter 294 \$2.63 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  
Laws 2011, SS Chapter 12 \$0.55 million  
Laws 2010, Chapter 189 \$5.08 million  
Total Appropriations \$74.59 million

**Project Contact Person**

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**Capital Assistance Program: Clay County****AT A GLANCE**

<b>2016 Request Amount:</b>	\$8,500
<b>Priority Ranking:</b>	6
<b>Project Summary:</b>	\$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**

This request will provide grant funding for the following project:

Clay County - \$8.5 million.

Total project cost: \$18.4 million; non-state funding: \$9.3 million; state funding / CAP grants: \$9.1 million

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

Project components include a new transfer station and land acquisition and materials recovery facility; the new transfer station will send waste to the resource recovery facility in Perham, MN.

**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****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 \$9.28 million

Laws 2014, Chapter 294 \$2.63 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  
Laws 2011, SS Chapter 12 \$0.55 million  
Laws 2010, Chapter 189 \$5.08 million  
Total Appropriations \$74.59 million

**Project Contact Person**

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**Capital Assistance Program: McLeod County****AT A GLANCE****2016 Request Amount:** \$2,500**Priority Ranking:** 7**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**

This request will provide grant funding for the following project:

McLeod County - \$2.5 million.

Total project cost: \$6.2 million; non-state funding: \$3.1 million; state funding / CAP grants: \$3.1million.

CAP grants: \$600,000 authorized in 2015 for Phase 1; \$2.5 million requested in 2016 for Phase 2.

Project components include household hazardous waste and an auxiliary recycling facility (anticipate collaboration with Meeker, Sibley and other interested counties in the region).

**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****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 \$9.28 million

Laws 2014, Chapter 294 \$2.63 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  
Laws 2011, SS Chapter 12 \$0.55 million  
Laws 2010, Chapter 189 \$5.08 million  
Total Appropriations \$74.59 million

**Project Contact Person**

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**Clean Energy Vehicles for a Better Minnesota**

**AT A GLANCE**

**2016 Request Amount:** \$5,000

**Priority Ranking:** 8

**Project Summary:** This project will install solar-powered electric vehicle (EV) charging stations at key locations throughout Minnesota. A growing network of charging stations is necessary to increase EV use in the state. EVs do not generate tailpipe emissions, and they have a unique capability of using renewable energy. Pairing EV charging stations with solar arrays will improve air quality by reducing pollution caused by gas-powered cars, as well as create jobs and promote tourism.

**Project Description**

Five million dollars is requested to install solar-powered EV charging stations powered at strategic locations throughout Minnesota. Sites include highway rest areas, state colleges and universities, city halls and county courthouses, as well as Main Street, local retail and entertainment destinations. Charging station installation locations include the cities of: Alexandria, Austin, Bemidji, Brainerd, Brooklyn Park, Bloomington, Canby, Ely, Hibbing, Mankato, Marshall, Pine City, Saint Cloud, Saint Paul, and Winona.

Over the past several years, automakers will be rolling out an unprecedented number of new alternative fuel vehicles – the vast majority of them EVs. While Minnesota’s EV charging infrastructure is increasing (>200 in 2015), the vast majority of stations are located in the Twin Cities metro area. A fast emerging need now exists to strategically site charging stations along key highway corridors, as well in Greater Minnesota towns and cities.

The project will install both Level 2 and direct current (DC) fast charging stations, based on partner and user needs and site considerations. Level 2 stations will charge an EV in 2-4 hours, whereas the DC fast charging systems can deliver a full charge in less than 30 minutes. All stations will be paired with 2-4 kilowatt solar arrays. Stations will consist of both pre-selected sites and publicly-available locations chosen through a competitive RFP process.

To leverage local expertise, local government will be awarded grants to install solar-powered EV charging stations. Geographic mix, traffic and destination considerations will be considered in addition to environmental and public health factors.

**Project Rationale**

Increasing the number, as well as geographic spread, of EV charging stations will yield numerous benefits. Fuel cost savings, resulting from EVs 100+ MPGe (miles per gallon equivalent), will be experienced by a more Minnesota families. Communities hosting stations will realize improvements in local air quality and increased economic activity from destination travelers and tourism. Minnesota, as a whole, will see increased renewable solar generated, contributions toward its energy independence, and help with meeting increasingly stringent national air quality standards by

reducing mobile source air pollution.

### **Other Considerations**

Economic Impacts. The Solar-Powered Electric Vehicle Charging Project will yield positive economic impacts:

- Creation of five (5) trades-related jobs (e.g., licensed electrician, solar installers and construction) to install solar arrays and charging stations.
- Fuel savings for Minnesota residents resulting from EVs high MPGe and reduced vehicle maintenance costs.

Project partners include the Minnesota Department of Transportation, MnSCU and its statewide network of State colleges & universities, and a geographically disperse group of local governments.

### **Impact on Agency Operating Budgets**

Existing MPCA staff will administer the funding and grants for the installation of the charging stations. This bonding request does not affect MPCA's annual operating budget.

### **Description of Previous Appropriations**

There are no previous appropriations for this project.

### **Project Contact Person**

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**Closed Landfill Construction: Carlton County #2 Landfill**

**AT A GLANCE**

<b>2016 Request Amount:</b>	\$0
<b>Priority Ranking:</b>	9
<b>Project Summary:</b>	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**

- 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, Chapter 179 \$27.50 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**

Doug Day

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**Closed Landfill Construction: Hoyt Lakes Landfill**

**AT A GLANCE**

<b>2016 Request Amount:</b>	\$0
<b>Priority Ranking:</b>	10
<b>Project Summary:</b>	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 LF and is considered part of the qualified facility. Bond funds would be used to design, consolidation 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**

**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**

- 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
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- 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**

Doug Day

Closed Landfill Program Supervisor

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**Closed Landfill Construction: Brookston Area Landfill****AT A GLANCE**

<b>2016 Request Amount:</b>	\$0
<b>Priority Ranking:</b>	11
<b>Project Summary:</b>	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****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**

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  
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 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**

Doug Day

Closed Landfill Program Supervisor

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**Closed Landfill Construction: Louisville Landfill**

**AT A GLANCE**

<b>2016 Request Amount:</b>	\$0
<b>Priority Ranking:</b>	12
<b>Project Summary:</b>	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**

**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**

- 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
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**Project Contact Person**

Doug Day

Closed Landfill Program Supervisor

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