FY26-27 CLEAN WATER FUND PROPOSAL

Monitoring for Pesticides in Surface Water and Groundwater

MDA	Program Number: 4
Program Contact Name: **David Tollefson**	Phone: **507-206-2882**
Contact E-mail Address: **david.tollefson@state.mn.us**	
Person filling out form: **Margaret Wagner**	Phone: **651-201-6488**
Person filling out form e-mail address **margaret.wagner@state.mn.us**	

Purpose

Funding supports ongoing monitoring using clean water funded laboratory instruments which provide increased capability and greater capacity for pesticide monitoring. Clean Water funding has allowed the MDA to increase the number of detectable pesticides, increase the sensitivity of detection of certain pesticides, and increase the overall number of samples that can be analyzed on an annual basis.

Webpage

Pesticide Monitoring: Increased Capacity and Capability | Minnesota Department of Agriculture

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Pesticide monitoring data is used to identify compounds and/or places where concentrations may exceed established water quality benchmarks, guidance values, and/or standards. This data is also used to identify trends regarding detection frequency and concentration of specific agricultural chemicals and to develop and evaluate the effectiveness of best management practices (BMPs) for specific compounds.

PRIOR APPROPRIATIONS	
FY10-11	$675,000
FY12-13	$700,000
FY14-15	$700,000
FY16-17	$700,000
FY18-19	$700,000
FY20-21	$700,000
FY22-23	$700,000
FY24-25	$700,000
TOTAL APPROPRIATED TO DATE	**$5,575,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

[Don't fill out the FY26-27 until you receive agency approval. We will update the form at that time.]

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Groundwater Vision: Groundwater is clean and available to all in Minnesota.

Goal 1: Protect groundwater from degradation and support effective measures to restore degraded groundwater.

Action: Monitor ambient groundwater quality throughout the state
Action: Characterize nitrate and pesticide contamination in vulnerable aquifers.
Action: Reduce risk of pesticide contamination in groundwater

Surface Water Protection and Restoration Vision: Minnesotans will have fishable and swimmable waters throughout the state.

Goal 1: Monitor, assess, and characterize Minnesota's surface waters.

Action: Continue to monitor and assess on 10-year cycle and for emerging contaminants.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Clean Water funding has allowed the MDA to increase the number of detectable pesticides, increase the sensitivity of detection of certain pesticides and increase the overall number of samples that can be analyzed on an annual basis. Those samples include statewide pesticide assessments of municipal drinking water wells, lakes, rivers and streams, and wetlands. Data are used to identify and characterize pesticide related impairments and to identify pesticides of concern in Minnesota. Data are also used to evaluate surface and groundwater quality as compared to drinking water standards.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Yes, the MDA will use these funds to enhance the impacts of dedicated funds from the pesticide regulatory account generated from pesticide sales and has leveraged the CWF funds for supplemental EPA grant dollars to conduct monitoring on tribal lands. LCCMR requests and fee increases requiring legislative approval have been proposed but unsuccessful.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

NA

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	0.0
FY12-13	2.25
FY14-15	2.25
FY16-17	2.25
FY18-19	2.54
FY20-21	2.29
FY22-23	1.9
FY24-25	2.11
FY26-27	

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FY26-27 CLEAN WATER FUND PROPOSAL

Nitrate in Groundwater	
MDA	Program Number: 15
Program Contact Name: **Margaret Wagner**	Phone: **651-201-6488**
Contact E-mail Address: **margaret.wagner@state.mn.us**	
Person filling out form: **Margaret Wagner**	Phone: **651-201-6488**
Person filling out form e-mail address **margaret.wagner@state.mn.us**	

Purpose

Funding to implement Minnesota's Nitrogen Fertilizer Management Plan (NFMP) and Groundwater Protection Rule for preventing and responding to nitrate contamination of groundwater from nitrogen fertilizer use. Includes support for: promotion, demonstration, and adoption of best management practices for nitrogen fertilizer and to promote vegetative cover in vulnerable areas; staffing at University of Minnesota Extension to update, educate on and promote fertilizer BMPs; support for conducting local advisory teams to work with farmers and crop advisors to reduce nitrate loss in areas with elevated nitrate in groundwater; conducting computer modeling to evaluate the impacts of specific agricultural and land management practices in local areas; and, technical support and demonstration projects such as Rosholt Farm. Funding will support implementation of the NFMP in townships and the Groundwater Protection Rule in Drinking Water Supply Management Areas (DWSMAs) with elevated levels of nitrate in groundwater.

Webpage

- Groundwater and Drinking Water Protection
- Groundwater Protection Rule
  - Plan for City of Adrian DWSMA
  - Plan for City of Verndale DWSMA
  - Plan for City of Hastings DWSMA

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Nitrate-nitrogen (nitrate) is one of the contaminants of greatest concern for groundwater in Minnesota. In some vulnerable areas of the state a significant percentage of private wells have nitrate levels which exceed the drinking water health risk limit. The MDA has developed the Nitrogen Fertilizer Management Plan (NFMP) which outlines a process to prevent or minimize the impact of nitrogen fertilizer on groundwater and emphasizes promoting nitrogen fertilizer best management practices, vegetative cover, and other advanced nitrogen management

practices in areas vulnerable to groundwater contamination. The MDA also developed the Groundwater Protection Rule as an outcome from the NFMP, which outlines a process for working with local farmers and crop advisors to adopt practices that can reduce nitrate within Drinking Water Supply Management Areas (DWSMAs) for public wells that have elevated levels of nitrate. Together the NFMP and Groundwater Protection Rule represent a voluntary and regulatory framework to address nitrate in groundwater.

The MDA works with local partners to monitor groundwater, implement prevention strategies, respond in areas with elevated nitrate in groundwater and provide education on nitrogen fertilizer best management practices. Primary partners include counties, soil and water conservation districts, agri-businesses, University of Minnesota researchers, and individual farmers.

PRIOR APPROPRIATIONS	
FY10-11	$1,125,000
FY12-13	$1,700,000
FY14-15	$5,000,000
FY16-17	$5,171,000
FY18-19	$4,171,000
FY20-21	$5,170,000
FY22-23	$5,170,000
FY24-25	$6,000,000
TOTAL APPROPRIATED TO DATE	**$33,507,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Groundwater Vision: Groundwater is clean and available to all in Minnesota.

Goal 1: Protect groundwater from degradation and support effective measures to restore degraded groundwater.

- Action: Characterize nitrate and pesticide contamination in vulnerable aquifers
- Action: Reduce nitrate contamination of groundwater.
- Action: Reduce risk of pesticide contamination in groundwater.

Goal 2: Ensure groundwater use is sustainable and avoid adverse impacts to surface water features due to groundwater use.

- Action: Implement water efficiency BMPs, water use reduction, and irrigation water management in areas of high water use intensity by agricultural irrigators, highly sensitive areas, Groundwater Management Areas (GWMAs), and highly vulnerable Drinking Water Source Management Areas (DWSMAs).

Drinking Water Source Protection Vision: Drinking water is safe for everyone, everywhere in Minnesota.

Goal 1: Public Water Systems--Ensure that users of public water systems have safe, sufficient, and equitable drinking water.

- Action: Support implementation funding and technical assistance to reduce nitrate in DWSMAs that are Level 1 and Level 2 under the GPR.
- Action: Fund protective actions that assist public water suppliers in meeting safe drinking water levels

Goal 2: Private Water Supply Wells- Ensure that private well users have safe, sufficient, and equitable access to drinking water

- Action: Assist all well users with information on how to achieve safe drinking water

Vision: All Minnesotans value water and take actions to sustain and protect it.

Goal 1: Build capacity of local communities to protect and sustain water resources

- Action: Support local efforts to engage farmers in water quality efforts.
- Action: Engage water managers statewide.
- Action: Support innovative efforts that accelerate progress toward clean water goals.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

The Nitrogen Fertilizer Management Plan and Groundwater Protection Rule are being implemented. Partnerships have been established in vulnerable areas in support of groundwater protection including working with 38 local government units on nitrate monitoring and reduction activities and working with local farmers at thirteen (13) regional on-farm nitrogen fertilizer BMP evaluation sites. Local advisory teams have been formed in three (3) townships.

Approximately 34,818 private well owners have participated in either a one-time (snap shot) or long-term nitrate testing.

• 700-900 private well owners have participated in long-term nitrate testing annually, since 2011 in the Central Sands Private Well Network, and since 2009 in the Southeast Network.

• 32,217 wells private wells in vulnerable townships have been tested through MDA's Township Testing Program (2013-2019). Work completed in 344 vulnerable townships within 50 counties.

As part of the Groundwater Protection Rule, eighteen (18) local advisory teams have been formed in Level 2 Drinking Water Supply Management Areas (DWSMAs) with elevated nitrate. Each team has 7-8 members; teams are working together to identify a list of best management practices for cropland in the DWSMA. Farmer surveys have been completed in most Level 2 DWSMAs and computer modeling has been completed in eight (8) DWSMAs and underway for

another four (4). Three DWSMAs have specific BMP lists that have been published with input from local advisory team members and five (5) additional lists will be published in summer 2024.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Increase.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

General Fund and dedicated funds from the Fertilizer Account generated from fertilizer sales support salary and staff expenses not covered by the Clean Water Fund. Funding from FY20-FY23 is provided as an example below.

Account	**2020**	**2021**	**2022**	**2023**
General Funds	545,512	490,083	581,609	592,993
Dedicated Funds	109,912	104,185	109,757	127,105
Grand Total	**655,424**	**594,268**	**691,366**	**720,098**

The MDA leverages CWF dollars with other state and federal grant applications. In 2021, the MDA along with 30 local and tribal partners secured a $3.5M Regional Conservation Partnership Program (RCPP) grant from the USDA to implement conservation measures and all funds have been allocated (high demand for cost-share).

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

In FY14-FY24, 35% of funding was passed through in contracts to local partners (SWCDs, counties, etc.), University of Minnesota researchers, University of Minnesota-Extension, and analytical laboratories.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	0.2/3.2
FY12-13	4.0
FY14-15	8.2
FY16-17	13.45* (* 2.7 FTEs for FY16 is for pesticide sampling of private wells that is now a separate allocation)
FY18-19	10.4
FY20-21	11.0
FY22-23	11.0
FY24-25	11.0
FY26-27	11.0

FY26-27 CLEAN WATER FUND PROPOSAL

Agricultural Best Management Practices Loan Program

MDA	Program Number: 33
Program Contact Name: **Richard Greunes**	Phone: **651-201-6609**
Contact E-mail Address: **Richard.greunes@state.mn.us**	
Person filling out form: **Margaret Wagner**	Phone: **651-201-6488**
Person filling out form e-mail address **Margaret.wagner@state.mn.us**	

Purpose

This program provides revolving low-interest loans for the implementation of activities that reduce, prevent, or eliminate water pollution. The program is administered by local governments, has very low transaction costs, and repayments fund additional projects. Additional funding would allow for more projects or practices that help reduce, eliminate, or prevent water pollution to be funded each year as the local demand for AgBMP loans greatly exceeds available funding.

Webpage

Agriculture Best Management Practices (BMP) Loan Program | Minnesota Department of Agriculture (state.mn.us)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

AgBMP loans can be used for the implementation of any practice that reduces water pollution. The purpose is to encourage agricultural best management practices that prevent or reduce runoff from feedlots, farm fields, and other pollution problems identified by the county in local water plans. The program is administered by local governments and local loaning institutions and has extremely low administration costs. Loans are repaid into the corpus of the account and will be available for future clean water projects regardless of the renewal of the clean water fund. A 2024 “program review” revealed there are over $20M dollars of water quality projects that farmers and rural landowners are waiting to complete due to limited funding.

The AgBMP Loan program is supported through multiple funding sources. The program tracks each loan by funding sources, in separate accounts. This ensures practices supported meet the eligibility of the selected funding sources. As established in Statute, the interest rate assessed to an outstanding loan balance must not exceed 3%. Some counties offer lower interest rates, including a few as low as 0% on some loans.

PRIOR APPROPRIATIONS	
FY10-11	$4,500,000
FY12-13	$9,000,000
FY14-15	$400,000
FY16-17	$150,000
FY18-19	$150,000
FY20-21	$150,000
FY22-23	$150,000
FY24-25	$9,598,000
TOTAL APPROPRIATED TO DATE	**$24,098,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Groundwater Vision: Groundwater is clean and available to all in Minnesota.

Goal 1: Protect groundwater from degradation and support effective measures to restore degraded groundwater.

- Action: Reduce risk of bacteria in groundwater.
- Action: Reduce nitrate contamination of groundwater.
- Action: Reduce risk of pesticide contamination in groundwater.
- Action: Reduce risk of stormwater contaminants entering groundwater.

Goal 2: Ensure groundwater use is sustainable and avoid adverse impacts to surface water features due to groundwater use.

- Action: Implement water efficiency BMPs, water use reduction, and irrigation water management in areas of high water use intensity by agricultural irrigators, highly sensitive areas, Groundwater Management Areas (GWMAs), and highly vulnerable Drinking Water Source Management Areas (DWSMAs).

Drinking Water Source Protection Vision: Drinking water is safe for everyone, everywhere in Minnesota.

Goal 1: Public Water Systems--Ensure that users of public water systems have safe, sufficient, and equitable drinking water.

- Action: Support implementation funding and technical assistance to reduce nitrate in DWSMAs that are Level 1 and Level 2 under the GPR.

Goal 2: Private Water Supply Wells—Ensure that private well users have safe, sufficient, and equitable access to drinking water.

- Action: Assist qualifying low-income households and households with vulnerable populations to mitigate contaminants, such as well replacement, water treatment systems, etc.

Surface Water Protection and Restoration Vision: Minnesotans will have fishable and swimmable waters throughout the state.

Goal 2: Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034 by prioritizing and targeting resources by major watershed.

- Action: Support local efforts to support those impaired waters that are closest to meeting state water quality standards.
- Action: Support efforts to protect those high-quality unimpaired waters at greatest risk of becoming impaired.
- Action: Restore and protect water resources for public use and public health, including drinking water.

Goal 3: Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034 via through statewide, regional, or issue-specific programs that help meet water quality goals but are not necessarily prioritized and targeted according to geography.

- Action: Maintain compliance rates for subsurface sewage treatment systems (SSTS) at 80 percent with a stretch goal of 90 percent.
- Action: Reduce risk of stormwater contaminants entering surface water.
- Action: Support small unsewered or under-sewered communities for long-term wastewater solutions.

Vision: All Minnesotans value water and take actions to sustain and protect it.

Goal 2:

- Action: Support local efforts to engage farmers in water quality efforts.
- Action: Support local efforts to engage lakeshore property owners and private landowners.
- Action: Engage water managers statewide.
- Action: Support innovative efforts that accelerate progress toward clean water goals.
- Action: Plan for funding resilience after expiration of Legacy Amendment in 2034.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

As of June 2023, the AgBMP Loan Program used Clean Water Fund dollars to support 2,253 loans totaling an amount of $33,941,191. By practice type, 212 loans were for agricultural waste

management projects, 92 for conservation tillage equipment, 981 for structural erosion control, 881 for septic systems upgrades or relocations, and 87 for all other types of practices.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Increase

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

All dollars are available as loans. This is a revolving loan program so as loans are repaid they go back into the corpus of the program and are used again for additional loans. As of June 2023, the AgBMP Loan Program has received $86.5 million, primarily from Minnesota's Clean Water State Revolving Fund (SRF). AgBMP funds are available in all counties. Because of the revolving loan structure, the appropriations have been reused 3.58 times to finance 18,308 projects with total loans of $329.0 million. The AgBMP Loan Program has leveraged over $414.1 million from other funding sources as of June 2023.

The following are a list of the types of projects or practices the AgBMP Loan Program has been able to assist with through all funding sources: 3,118 agricultural waste management practices, 2,671 structural erosion control practices, 4,226 conservation tillage practices, 7,623 sewage treatment systems, and 670 other practices (i.e., wells, chemical application equipment, alternative energy practices).

Of all the projects listed above as of June 2023, $14,350,000 invested from the Clean Water Fund has resulted in $33,941,191 in loans. The Clean Water Funding has also been able to leverage an additional $34,449,275 from other funding sources to help with projects or practices that have been funded. The Clean Water Fund is responsible for growing the corpus of the loan program and supporting new and additional practices.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

All dollars are available as loans. This is a revolving loan program so as loans are repaid they go back into the corpus of the program and are used again for additional loans. As of June 2023, $14,350,000 invested has resulted in $33.941,191 in loans.

Funding can assist all rural landowners, farmers, farm supply businesses, and water quality cooperatives throughout Minnesota to help prevent, reduce or eliminate water quality concerns. Local Government Units use their local water plans to prioritize their funding if additional funding

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	0.75
FY12-13	0.5
FY14-15	0.3
FY16-17	0.5
FY18-19	0.5
FY20-21	0.5
FY22-23	0.5
FY24-25	0.5
FY26-27	0.5

FY26-27 CLEAN WATER FUND PROPOSAL

Technical Assistance

MDA	Program Number: 15
Program Contact Name: **Margaret Wagner**	Phone: **651-201-6488**
Contact E-mail Address: **Margaret.wagner@state.mn.us**	
Person filling out form: **Margaret Wagner**	Phone: **651-201-6488**
Person filling out form e-mail address **Margaret.wagner@state.mn.us**	

Purpose

Funding supports on-farm demonstrations and enhances outreach and education to the agricultural community and local government partners. Demonstration projects evaluate the effectiveness of conservation practices and support collaboration with agricultural stakeholders and peer-to peer learning among farmers. Includes activities such as Discovery Farms MN, Root River Field to Stream Partnership, Red River Valley Drainage Water Management, and support for evaluation of best management practices (BMPs) and scaling-up adoption.

Webpage

- Root River Field to Stream Partnership
- Discovery Farms Minnesota
- Nutrient Management Initiative
- Red River Valley Drainage Management

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Technical assistance activities are a primary vehicle to work with the agricultural community to promote best management practices. This funding is used to evaluate the effectiveness of conservation practices, demonstrate practices that protect water, and enhance outreach and education to the agricultural community and local government partners.

PRIOR APPROPRIATIONS	
FY10-11	$2,665,000
FY12-13	$1,550,000
FY14-15	$3,000,000
FY16-17	$2,250,000
FY18-19	$2,250,000
FY20-21	$3,000,000
FY22-23	$3,000,000

FY24-25	$3,000,000
TOTAL APPROPRIATED TO DATE	**$20,715,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Groundwater Vision: Groundwater is clean and available to all in Minnesota.

Goal 1: Protect groundwater from degradation and support effective measures to restore degraded groundwater.

- Action: Reduce nitrate contamination of groundwater.
- Action: Reduce risk of pesticide contamination in groundwater.

Drinking Water Source Protection Vision: Drinking water is safe for everyone, everywhere in Minnesota.

Goal 1: Public Water Systems--Ensure that users of public water systems have safe, sufficient, and equitable drinking water.

- Action: Fund protective actions that assist public water suppliers in meeting safe drinking water levels

Surface Water Protection and Restoration Vision: Minnesotans will have fishable and summable waters through the state.

Goal 2: Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034 by prioritizing and targeting resources by major watershed.

- Action: Support local efforts to support those impaired waters that are closest to meeting water quality standards
- Action: Support efforts to support those high-quality unimpaired waters at greatest risk of becoming impaired waters that are closest to meeting water quality standards

Vision: All Minnesotans value water and take action to sustain and protect it.

- Action: Support local efforts to engage farmers in water quality efforts.
- Action: Engage water managers statewide.
- Action: Support innovative efforts that accelerate progress toward clean water goals.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

As of 2024, the MDA has engaged more than 20,000 ag producers, crop advisors and local partners at more than 500 education and outreach events. The MDA supports approximately 100 nutrient management initiative on-farm plots each year engaging 100 farmers and 30 crop advisers.

The MDA maintains more than 25 active edge-of-field water quality monitoring stations around the state. Edge-of-field data have been used for education/outreach and for a variety of computer simulations including PTMApp, Adapt-N, SWAT, and the Runoff Risk Advisory Tool. Data are used to support the State's Watershed Approach and referenced in numerous WRAPs reports. MDA and project partners have shared edge-of-field monitoring data more than 50 times to support modeling and research (peer reviewed journal articles and large meta-analysis) by other research organizations.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Yes, staff have leveraged federal EQIP dollars for implementation in the Root River watershed and applied for small grants to enhance demonstration sites. A total of $3.5M has been leveraged in grants from Fishers and Farmers Partnership, MN Corn Growers, Legislative Commission on Minnesota Resources (LCCMR), investments from private industry and project partners at edge-of-field monitoring sites, and federal cost share.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

In FY14-FY23, ~20% was passed through in grants and contracts. Recipients include local project partners, farmers, and landowners. For example, partners included Fillmore County SWCD, Mower County SWCD, Wilken County SWCD, and individual participants in on-farm research and demonstration sites.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	1.0/3.95
FY12-13	5.2/5.85
FY14-15	8.5/6.85
FY16-17	6.85
FY18-19	7.00
FY20-21	7.00
FY22-23	6.00
FY24-25	6.00
FY26-27	6.00

FY26-27 CLEAN WATER FUND PROPOSAL

MN Water Research Digital Library [aka Research Inventory Database]

DNR	Program Number: 56
Program Contact Name: **Margaret Wagner**	Phone: **651-201-6488**
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Person filling out form e-mail address **margaret.wagner@state.mn.us**	

Purpose

The Minnesota Water Research Digital Library (MnWRL) is a user-friendly, searchable inventory of water research relevant to Minnesota. It provides "one-stop" access to all types of water research, including both peer-reviewed articles and white papers and reports.

Webpage

DISCOVER MnWRL DIGITAL COLLECTIONS | WRL Digital Asset Management (mnpals.net)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

MnWRL provides one-stop access to all types of water research, enabling water managers, researchers, engaged citizens and others to easily find, share, and coordinate research to support their efforts to protect, conserve, manage and restore water in Minnesota. It provides a centralized location for all Clean Water Fund supported reports including WRAPS, 1W1Ps, research reports as well as other water publications.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	$350,000
FY14-15	$250,000
FY16-17	$100,000
FY18-19	$100,000
FY20-21	$100,000
FY22-23	$80,000
FY24-25	$80,000
TOTAL APPROPRIATED TO DATE	**$1,060,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

[Don't fill out the FY26-27 until you receive agency approval. We will update the form at that time.]

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

The Minnesota Water Research Digital Library is a searchable inventory of documents focused on research and projects relevant to water in Minnesota. It provides a one-stop location for outcomes from the Clean Water Fund. The following publication series are included as examples: Agricultural BMPs (45 entries), Evaluation of Hydrologic Change Reports (47), Lake Assessment Program (48), Stressor Identification Reports (60), TMDL studies (251), Watershed Level Plans (141), and WRAPS Reports (68).

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

As of 5/29/2024:

3,756 publications available on MnWRL

31,306 website visitors

20,208 search sessions conducted

7,198 PDFs downloaded.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

NA

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	
FY12-13	0.3
FY14-15	1.0
FY16-17	0.3
FY18-19	0.6
FY20-21	0.4
FY22-23	
FY24-25	0.4
FY26-27	

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FY26-27 CLEAN WATER FUND PROPOSAL

Agricultural Best Management Practices Loan Program

MDA	Program Number: 33
Program Contact Name: **Richard Greunes**	Phone: **651-201-6609**
Contact E-mail Address: **Richard.greunes@state.mn.us**	
Person filling out form: **Margaret Wagner**	Phone: **651-201-6488**
Person filling out form e-mail address **Margaret.wagner@state.mn.us**	

Purpose

This program provides revolving low-interest loans for the implementation of activities that reduce, prevent, or eliminate water pollution. The program is administered by local governments, has very low transaction costs, and repayments fund additional projects. Additional funding would allow for more projects or practices that help reduce, eliminate, or prevent water pollution to be funded each year as the local demand for AgBMP loans greatly exceeds available funding.

Webpage

Agriculture Best Management Practices (BMP) Loan Program | Minnesota Department of Agriculture (state.mn.us)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

AgBMP loans can be used for the implementation of any practice that reduces water pollution. The purpose is to encourage agricultural best management practices that prevent or reduce runoff from feedlots, farm fields, and other pollution problems identified by the county in local water plans. The program is administered by local governments and local loaning institutions and has extremely low administration costs. Loans are repaid into the corpus of the account and will be available for future clean water projects regardless of the renewal of the clean water fund. A 2024 “program review” revealed there are over $20M dollars of water quality projects that farmers and rural landowners are waiting to complete due to limited funding.

The AgBMP Loan program is supported through multiple funding sources. The program tracks each loan by funding sources, in separate accounts. This ensures practices supported meet the eligibility of the selected funding sources. As established in Statute, the interest rate assessed to an outstanding loan balance must not exceed 3%. Some counties offer lower interest rates, including a few as low as 0% on some loans.

PRIOR APPROPRIATIONS	
FY10-11	$4,500,000
FY12-13	$9,000,000
FY14-15	$400,000
FY16-17	$150,000
FY18-19	$150,000
FY20-21	$150,000
FY22-23	$150,000
FY24-25	$9,598,000
TOTAL APPROPRIATED TO DATE	**$24,098,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Groundwater Vision: Groundwater is clean and available to all in Minnesota.

Goal 1: Protect groundwater from degradation and support effective measures to restore degraded groundwater.

- Action: Reduce risk of bacteria in groundwater.
- Action: Reduce nitrate contamination of groundwater.
- Action: Reduce risk of pesticide contamination in groundwater.
- Action: Reduce risk of stormwater contaminants entering groundwater.

Goal 2: Ensure groundwater use is sustainable and avoid adverse impacts to surface water features due to groundwater use.

- Action: Implement water efficiency BMPs, water use reduction, and irrigation water management in areas of high water use intensity by agricultural irrigators, highly sensitive areas, Groundwater Management Areas (GWMAs), and highly vulnerable Drinking Water Source Management Areas (DWSMAs).

Drinking Water Source Protection Vision: Drinking water is safe for everyone, everywhere in Minnesota.

Goal 1: Public Water Systems--Ensure that users of public water systems have safe, sufficient, and equitable drinking water.

- Action: Support implementation funding and technical assistance to reduce nitrate in DWSMAs that are Level 1 and Level 2 under the GPR.

Goal 2: Private Water Supply Wells—Ensure that private well users have safe, sufficient, and equitable access to drinking water.

- Action: Assist qualifying low-income households and households with vulnerable populations to mitigate contaminants, such as well replacement, water treatment systems, etc.

Surface Water Protection and Restoration Vision: Minnesotans will have fishable and swimmable waters throughout the state.

Goal 2: Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034 by prioritizing and targeting resources by major watershed.

- Action: Support local efforts to support those impaired waters that are closest to meeting state water quality standards.
- Action: Support efforts to protect those high-quality unimpaired waters at greatest risk of becoming impaired.
- Action: Restore and protect water resources for public use and public health, including drinking water.

Goal 3: Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034 via through statewide, regional, or issue-specific programs that help meet water quality goals but are not necessarily prioritized and targeted according to geography.

- Action: Maintain compliance rates for subsurface sewage treatment systems (SSTS) at 80 percent with a stretch goal of 90 percent.
- Action: Reduce risk of stormwater contaminants entering surface water.
- Action: Support small unsewered or under-sewered communities for long-term wastewater solutions.

Vision: All Minnesotans value water and take actions to sustain and protect it.

Goal 2:

- Action: Support local efforts to engage farmers in water quality efforts.
- Action: Support local efforts to engage lakeshore property owners and private landowners.
- Action: Engage water managers statewide.
- Action: Support innovative efforts that accelerate progress toward clean water goals.
- Action: Plan for funding resilience after expiration of Legacy Amendment in 2034.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

As of June 2023, the AgBMP Loan Program used Clean Water Fund dollars to support 2,253 loans totaling an amount of $33,941,191. By practice type, 212 loans were for agricultural waste

management projects, 92 for conservation tillage equipment, 981 for structural erosion control, 881 for septic systems upgrades or relocations, and 87 for all other types of practices.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Increase

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

All dollars are available as loans. This is a revolving loan program so as loans are repaid they go back into the corpus of the program and are used again for additional loans. As of June 2023, the AgBMP Loan Program has received $86.5 million, primarily from Minnesota's Clean Water State Revolving Fund (SRF). AgBMP funds are available in all counties. Because of the revolving loan structure, the appropriations have been reused 3.58 times to finance 18,308 projects with total loans of $329.0 million. The AgBMP Loan Program has leveraged over $414.1 million from other funding sources as of June 2023.

The following are a list of the types of projects or practices the AgBMP Loan Program has been able to assist with through all funding sources: 3,118 agricultural waste management practices, 2,671 structural erosion control practices, 4,226 conservation tillage practices, 7,623 sewage treatment systems, and 670 other practices (i.e., wells, chemical application equipment, alternative energy practices).

Of all the projects listed above as of June 2023, $14,350,000 invested from the Clean Water Fund has resulted in $33,941,191 in loans. The Clean Water Funding has also been able to leverage an additional $34,449,275 from other funding sources to help with projects or practices that have been funded. The Clean Water Fund is responsible for growing the corpus of the loan program and supporting new and additional practices.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

All dollars are available as loans. This is a revolving loan program so as loans are repaid they go back into the corpus of the program and are used again for additional loans. As of June 2023, $14,350,000 invested has resulted in $33.941,191 in loans.

Funding can assist all rural landowners, farmers, farm supply businesses, and water quality cooperatives throughout Minnesota to help prevent, reduce or eliminate water quality concerns. Local Government Units use their local water plans to prioritize their funding if additional funding

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	0.75
FY12-13	0.5
FY14-15	0.3
FY16-17	0.5
FY18-19	0.5
FY20-21	0.5
FY22-23	0.5
FY24-25	0.5
FY26-27	0.5

FY26-27 CLEAN WATER FUND PROPOSAL

Irrigation Water Quality Protection

MDA	Program Number: 17
Program Contact Name: **Margaret Wagner**	Phone: **651-201-6488**
Contact E-mail Address: **margaret.wagner@state.mn.us**	
Person filling out form: **Margaret Wagner**	Phone: **651-201-6488**
Person filling out form e-mail address **margaret.wagner@state.mn.us**	

Purpose

Funding supports an irrigation water quality specialist who develops guidance and provides education on irrigation and nitrogen best management practices and supports the development of irrigation scheduling guidance for Minnesota irrigators. This helps reduce nitrate leaching losses from irrigated crop production. The irrigation specialist is located at University of Minnesota - Extension.

Webpage

Irrigation Specialist Position | Minnesota Department of Agriculture (state.mn.us)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Much of Minnesota's crop irrigation takes place on coarse textured soils. When irrigated, these soils are highly productive and produce crops of exceptional quality. At the same time, these soils are also at higher risk for leaching nitrate to the groundwater compared to finer textured soils. There are also some differences in nitrogen management between irrigated and rainfed crops. Coupled with the rapid development of new technology related to irrigation water and nitrogen management, there is a need to further develop and advance best management practices (BMPs) and guidance for irrigated crop production. Adopting the BMPs will help optimize the water use efficiency (more crop per drop) of the irrigation water and synchronize nitrogen application with crop uptake by applying the nitrogen at the right time and place, in the right amount, and from the right source. The result is less water runoff (including movement of excess water through the soil), higher water use efficiency, and reduced nitrate contamination of groundwater. This funding supports an irrigation water quality specialist at the University of Minnesota. The position develops guidance and provide education, outreach and promotion of irrigation and nitrogen fertilizer BMPs. The need for an irrigation specialist at University of Minnesota-Extension has been identified as a critical need by the irrigation community and other agricultural stakeholders.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	$220,000
FY16-17	$220,000
FY18-19	$220,000
FY20-21	$300,000
FY22-23	$270,000
FY24-25	$300,000
TOTAL APPROPRIATED TO DATE	**$1,530,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Groundwater Vision Goal 1 and 2

- Goal 1, Action: Reduce nitrate contamination of groundwater
- Goal 2, Action: Implement water efficiency BMPs, water use reduction, and irrigation water management in areas of high water use intensity by agricultural irrigators, highly sensitive areas, Groundwater Management Areas (GWMAs), and highly vulnerable Drinking Water Source Management Areas (DWSMAs).

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

This position provides direct support to irrigators regarding BMPs, irrigation scheduling, and soil water monitoring. This position has active research trials which provide information to update BMPs. Revisions to current Irrigation BMPs for Minnesota are being updated and published. In FY22-23, the position reached 1,350 farmers, crop consultants and co-op dealers at field days and events. The position further gave 25 presentations, wrote 11 new blog posts through the University of Minnesota Crop News site, was interviewed on four podcasts, and wrote articles for the Irrigators Association newsletter which reached over 3,200 irrigators.

The participant evaluation of the 2022 Minnesota Irrigator Program, which is organized by this position, serve as an example of the outcome and impact of the position's outreach activities. Key points reported by the attendees were:

1) Participants indicated that they either help manage or directly manage more than 84,200 irrigated acres.

2) The survey indicated that over 95% of the attendees would increase their use of/or start a new irrigation management practice based on this class.
3) Respondents indicated they would increase the use of soil moisture monitoring by 48%, variable rate irrigation (VRI) by 29%, and remote sensing by 35% of the 84,200 acres under their management.
4) Participation in the course makes participants eligible for the Irrigation Endorsement under the Minnesota Ag Water Quality Certification Program through the MDA

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Yes, this position and related research is supported with other funding including grants obtained by the irrigation specialist position. Sources include the Ag Fertilizer Research and Education Council (AFREC), Corn Research and Promotion Council, Legislative and Citizen Commission on Minnesota Resources (LCCMR), United States Department of Agriculture (USDA), United States Environmental Protection Agency (USEPA), Irrigators Association of Minnesota, University of Minnesota, Minnesota Department of Agriculture, and others. The position will continue to seek external funding for research activities.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

100% of funding was passed through to support a position at the University of Minnesota-Extension.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	

FY12-13	
FY14-15	0.0
FY16-17	0.0
FY18-19	0.0
FY20-21	0.0
FY22-23	0.0
FY24-25	0.0
FY26-27	0.0

FY26-27 CLEAN WATER FUND PROPOSAL

Forever Green Initiative

MDA	Program Number: 81
Program Contact Name: **Margaret Wagner**	Phone: **651-201-6488**
Contact E-mail Address: **margaret.wagner@state.mn.us**	
Person filling out form: **Margaret Wagner**	Phone: **651-201-6488**
Person filling out form e-mail address **margaret.wagner@state.mn.us**	

Purpose

Develops new perennial and winter annual crops and associated cropping systems that preserve and enhance water quality, and supports the development of new supply chains that provide profitable markets for these crops. Funding will support the Forever Green Initiative in areas related to crop research, implementation, and supply chains and partnership development.

Webpage

Forever Green Initiative | Minnesota Department of Agriculture (state.mn.us)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

The Forever Green Initiative is developing market-driven perennial and cover cropping systems specific to Minnesota that are necessary to protect and restore the state's surface and groundwater resources while increasing efficiency, profitability, and productivity of Minnesota farmers.

Perennial crops provide continuous cover on the land, while winter annuals and cover crops grow between the time when annual crops are harvested in the fall and a new planting is established in the spring. This is the time when fields are bare and most vulnerable to erosion and nutrient loss. More vegetative cover throughout the year slows runoff and soil erosion and reduces nutrient losses providing a direct benefit to surface waters in Minnesota. Perennial and cover crops also prevent nitrate-nitrogen leaching to groundwater by taking up excess soil nitrogen.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	
FY16-17	$1,000,000
FY18-19	$1,500,000

FY20-21	$4,300,000
FY22-23	$4,000,000
FY24-25	$6,000,000
TOTAL APPROPRIATED TO DATE	**$16,800,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

[Don't fill out the FY26-27 until you receive agency approval. We will update the form at that time.]

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Groundwater Vision: Groundwater is clean and available to all in Minnesota.

Goal 1: Protect groundwater from degradation and support effective measures to restore degraded groundwater.

- Action: Reduce nitrate contamination of groundwater.

Drinking Water Source Protection Vision: Drinking water is safe for everyone, everywhere in Minnesota.

Goal 1: Public Water Systems--Ensure that users of public water systems have safe, sufficient, and equitable drinking water.

- Action: Support implementation funding and technical assistance to reduce nitrate in DWSMAs that are Level 1 and Level 2 under the GPR.
- Action: Fund protective actions that assist public water suppliers in meeting safe drinking water levels

Surface Water Protection and Restoration Vision: Minnesotans will have fishable and swimmable waters throughout the state

Goal 2: Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034 via by prioritizing and targeting resources by major watershed

- Action: Restore and protect water resources for public use and public health, including drinking water

Vision: All Minnesotans value water and take actions to sustain and protect it.

Goal 1: Build capacity of local communities to protect and sustain water resources

- Action: Support local efforts to engage farmers in water quality efforts.
- Action: Support innovative efforts that accelerate progress toward clean water goals.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Supported 76 research projects through an RFP process administered by the University of Minnesota. Projects focus on Forever Green crops such as Kernza, hazelnuts, pennycress, camelina, winter barley, perennial sunflower, perennial flax, spring and winter pea.

- **New crop varieties developed and released**: Kernza variety 'MN Clearwater', Winter Barley variety 'Equinox', Winter hardy Hairy Vetch variety 'Vinter', 4-6 hazelnut lines ready for commercialization, early-maturing Winter Camelina lines in late-stage variety trials, Domesticated pennycress in variety trials and patents issued or pending, Perennial flax variety in evaluation trials for horticultural market.

Leveraged $97.6 M (FY16-25) from state and federal grants and investments from companies, foundations and commodity groups.

Some of the first plantings of Intermediate Wheatgrass (Kernza) was targeted in areas with vulnerable groundwater. This includes growers and supply chain partners in SE, SW and Central Minnesota. Beginning in 2021, the Enviromental and Economic Clusters of Opportunity (EECO) implementation program expanded beyond Kernza to include a suite of winter annuals.

- 3,006 acres enrolled with 46 contracts in the EECO Program: Kernza (1,050), Winter camelina (1,145), Hybrid winter rye (801), and Winter barley (10).
- Major partnership and $2.5M grant awarded by Cargill Foundation to improve the winter annual oilseeds, 2,000 acre industry-led camelina pilot underway, further acreage expansion projected in '24-25
- Unique partnership with the City of Hastings to plant 80-acres of DWSMA adjacent public land to a Kernza-legume-oat intercrop through unique public bidding process that prioritized continuous living cover crops.
- In 2021, Perennial Promise Co-op was formed to develop product and markets for FGI crops (currently Kernza). Perennial Promise Growers Cooperative has all organic grain obligated (several hundred thousand lbs of grain) and are now moving surplus organic demand toward purchasing existing conventional grain.
    - New Kernza distributor, Arcola Farms, is raising capital and vertically integrating to grow the conventional market, they intend to plant ~2,000 acres of Kernza in fall 2024.
- There were several established Kernza products on the market in MN, including flour, pancake mix, naan, crackers, pasta, and other restaurant food items such as bakery goods and beer.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

The Forever Green Initiative leverages the CWF investment with state and federal grant dollars as well as funding from commodity groups, public and private companies, and foundations.

• FY20-21: $4,300,000 from CWF and $3,334,000 from other state, foundation, and company funding. FGI was also awarded $43,936,579 in competitive federal grants.

- FY22-23: $4,000,000 from CWF and $2,257,180 from other state, foundation, and company funding. FGI was also awarded $20,200,000 in competitive federal grants.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

100% of funding was passed through to the University of Minnesota, Forever Green Initiative. The MDA routinely partners with UMN FGI staff on administrative and technical program development and activities

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	0.0
FY12-13	0.0
FY14-15	0.0
FY16-17	0.0
FY18-19	0.0
FY20-21	0.0
FY22-23	0.0
FY24-25	0.0
FY26-27	0.0

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FY26-27 CLEAN WATER FUND PROPOSAL

Monitoring for Pesticides in Surface Water and Groundwater

MDA	Program Number: 4
Program Contact Name: **David Tollefson**	Phone: **507-206-2882**
Contact E-mail Address: **david.tollefson@state.mn.us**	
Person filling out form: **Margaret Wagner**	Phone: **651-201-6488**
Person filling out form e-mail address **margaret.wagner@state.mn.us**	

Purpose

Funding supports ongoing monitoring using clean water funded laboratory instruments which provide increased capability and greater capacity for pesticide monitoring. Clean Water funding has allowed the MDA to increase the number of detectable pesticides, increase the sensitivity of detection of certain pesticides, and increase the overall number of samples that can be analyzed on an annual basis.

Webpage

Pesticide Monitoring: Increased Capacity and Capability | Minnesota Department of Agriculture

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Pesticide monitoring data is used to identify compounds and/or places where concentrations may exceed established water quality benchmarks, guidance values, and/or standards. This data is also used to identify trends regarding detection frequency and concentration of specific agricultural chemicals and to develop and evaluate the effectiveness of best management practices (BMPs) for specific compounds.

PRIOR APPROPRIATIONS	
FY10-11	$675,000
FY12-13	$700,000
FY14-15	$700,000
FY16-17	$700,000
FY18-19	$700,000
FY20-21	$700,000
FY22-23	$700,000
FY24-25	$700,000
TOTAL APPROPRIATED TO DATE	**$5,575,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

[Don't fill out the FY26-27 until you receive agency approval. We will update the form at that time.]

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Groundwater Vision: Groundwater is clean and available to all in Minnesota.

Goal 1: Protect groundwater from degradation and support effective measures to restore degraded groundwater.

Action: Monitor ambient groundwater quality throughout the state
Action: Characterize nitrate and pesticide contamination in vulnerable aquifers.
Action: Reduce risk of pesticide contamination in groundwater

Surface Water Protection and Restoration Vision: Minnesotans will have fishable and swimmable waters throughout the state.

Goal 1: Monitor, assess, and characterize Minnesota's surface waters.

Action: Continue to monitor and assess on 10-year cycle and for emerging contaminants.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Clean Water funding has allowed the MDA to increase the number of detectable pesticides, increase the sensitivity of detection of certain pesticides and increase the overall number of samples that can be analyzed on an annual basis. Those samples include statewide pesticide assessments of municipal drinking water wells, lakes, rivers and streams, and wetlands. Data are used to identify and characterize pesticide related impairments and to identify pesticides of concern in Minnesota. Data are also used to evaluate surface and groundwater quality as compared to drinking water standards.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Yes, the MDA will use these funds to enhance the impacts of dedicated funds from the pesticide regulatory account generated from pesticide sales and has leveraged the CWF funds for supplemental EPA grant dollars to conduct monitoring on tribal lands. LCCMR requests and fee increases requiring legislative approval have been proposed but unsuccessful.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

NA

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	0.0
FY12-13	2.25
FY14-15	2.25
FY16-17	2.25
FY18-19	2.54
FY20-21	2.29
FY22-23	1.9
FY24-25	2.11
FY26-27	

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FY26-27 CLEAN WATER FUND PROPOSAL

Conservation Equipment Assistance

MDA	Program Number: __
Program Contact Name: Brad Jordahl Redlin	Phone: **651-200-5307**
Contact E-mail Address: **brad.jordahlredlin@state.mn.us**	
Person filling out form: Brad Jordahl Redlin	Phone: **651-200-5307**
Person filling out form e-mail address **brad.jordahlredlin@state.mn.us**	

Purpose

Funding will provide assistance to both Soil and Water Conservation Districts (SWCDs) and farmers to purchase equipment or items to retrofit existing equipment that has climate and water quality benefits including conservation tillage equipment and cover crop seeding equipment.

Some of the methodologies and equipment needed to implement soil health practices are not part of existing farm management practices and a change in how a farm is operated and/or different equipment may be needed. There are federal and state programs that assist with soil health practices. This proposal would complement cost-share programs by providing the equipment needed to implement practices.

Webpage

https://www.mda.state.mn.us/soil-health-grant

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Funding will provide financial assistance to local governments or farmers to cover the costs of specialized equipment and technology necessary to implement and sustain soil health practices, including conservation tillage and seeding equipment, purchases or subscriptions of equipment technology, services to landowners, and other equipment purchases or financial assistance to promote healthy soil.

In order to facilitate adoption of practices that benefit water quality while delivering climate change mitigation through carbon emission reductions and sequestration, the proposal would provide financial assistance to acquire machinery needed for seeding cover crops and for no till/strip till planting. Examples could include a SWCD partnering with a Co-op where the Co-op holds and provides the machinery for custom application and the SWCD promotes the use,

provides clients, and givesg those clients financial and technical assistance to adopt cover crops or strip till. Partnerships could also exist between a consortium of SWCDs with machinery crossing county lines and other local groups or partnerships promoting the availability and use the machine(s).

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	
FY16-17	
FY18-19	
FY20-21	
FY22-23	
FY24-25	$3,500,000
TOTAL APPROPRIATED TO DATE	**$3,500,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST
tbd	tbd	tbd

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Groundwater Vision

- Goal 1; Strategy 2; Action 3
- Goal 2; Strategy 2; Action 1; Strategy 3; Action 1

Drinking Water Source Protection

- Goal 1; Strategy 2; Action 1; Strategy 3; Action 1

Surface Water Protection and Restoration Vision

- Goal 2; Strategy 2; Actions 1, 3, 4
- Goal 3; Strategy 3; Action 1

Vision: All Minnesotans…

- Goal 1; Strategy 1; Actions 7

Outcomes

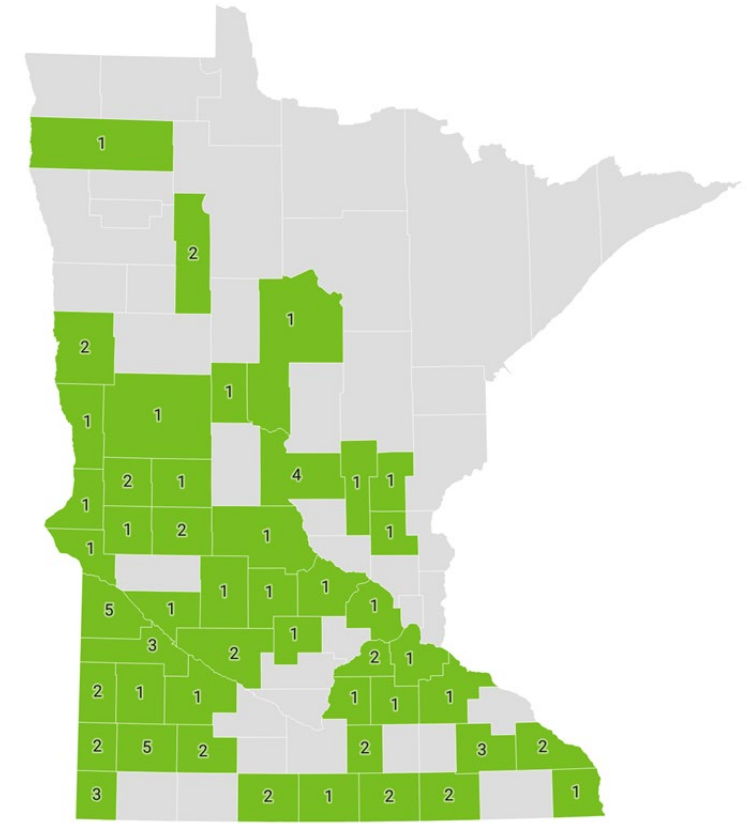
Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

The Minnesota Department of Agriculture (MDA) will track appropriate performance measures such as: number of grants awarded; types of equipment requested and funded; and number of acres with soil health practices implemented, as a result of the new equipment.

FY24 Applications	Awards	$ Awarded	Average Award	$ Requested	Affected Acres (annually)
284	81	$2,358,861.51	$28,547	$8.4 million	141,741

Equipment	Count
Air seeder	4
Calmer stalk rolls	1
Cover crop seeder	2
Fertilizer applicator for compost extract	1
Fertilizer/seed tender	1
High boy floater for cover crop seeding	1
Interseeder	4
Liquid fertilizer applicator	2
No-till drill	21
No-till drill and UAV	1
No-till planter	6
No-till planter retrofit	3
No-till planter w/liquid application, cone-bottom tanks, transfer pump	1
Roller crimper	1
Portable fence (Rotational grazing)	1
Row cleaners	1
Row cleaners & seed openers	1
Row units for roller crimper	1
Seed cleaner	1
Seed units for cover crop seeder	1
Seeder	2
Seeder & fertilizer applicator	1
Strip tillage unit	12
Swather	1
UAV for cover crop seeding	5
Vertical manure applicator	1
Vertical tillage equipment (for cover crops)	4

Soil Health Financial Assistance Program Awards by County (FY24)



Created with Datawrapper

NOTE: SEE ALSO 2024 LEGISLATIVE REPORT (uploaded to folder)

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Same or increase in response to demand 3.5 times the funding available.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

General Fund appropriations of $625,000 annually in FY24 and FY25; $639,000 FY26 and each year thereafter. **Note**: Federal USDA funding is not allowed to be used for equipment; no federal match opportunity exists.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of

representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

In FY24, the first year of the appropriation, there were 81 of 284 applications competitively awarded with the funding available. The recipients consisted of agricultural operators, agricultural operators in partnership, and six Soil and Water Conservation Districts.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	
FY12-13	
FY14-15	
FY16-17	
FY18-19	
FY20-21	
FY22-23	
FY24-25	-
FY26-27	1

FY26-27 CLEAN WATER FUND PROPOSAL

Expand Ag Weather Station Network

MDA	Program Number: __
Program Contact Name: Margaret Wagner	Phone: **651-201-6488**
Contact E-mail Address: **margaret.wagner@state.mn.us**	
Person filling out form: Margaret Wagner	Phone: **651-201-6488**
Person filling out form e-mail address **margaret.wagner@state.mn.us**	

Purpose

Funding to expand the existing Minnesota Ag Weather Network and provide accurate local weather data across agricultural areas of Minnesota. Accurate and timely weather data will help farmers optimize the timing of irrigation, fertilizer, manure, and pesticide applications and help support the adoption of environmentally friendly practices to promote water quality, soil health and vegetative cover. There are other beneficial uses of the weather data such as managing pesticide applications to reduce pesticide drift to protect pollinators, and the National Weather Service and municipalities use of precipitation data to better predict flood conditions. This proposal was developed at the request of the agricultural community in Minnesota.

Webpage

Minnesota Ag Weather Network | Minnesota Department of Agriculture (state.mn.us)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

The Minnesota Department of Agriculture (MDA), along with key partners, are expanding the existing Minnesota Ag Weather Network statewide. The Minnesota Ag Weather Network provides access to real-time local weather data at 5-minute intervals including precipitation, temperature (avg/max/min), wind direction and speed, peak gust, air humidity, dew point, solar radiation, four-inch bare and turf soil temperature, and soil water content to 48 inches and soil temperature to 7 feet at each weather station. This information allows farmers to more effectively manage water usage, reduce leaching, and appropriately time crop nutrient and chemical applications. Accurate local weather data is necessary to support the adoption of many recommended soil health and nutrient management practices.

Establishing weather station coverage for all agricultural areas in the state will give farmers the local information they need to make the best possible agronomic decisions regarding planting dates, crop protection chemical application timing, water management, and other in-field activities. This detailed local information will create opportunities to reduce nutrient and chemical applications. More accurate information on disease risk due to weather conditions

means farmers can delay disease prevention applications until risk is high in their area. The inversion alert system will help private and commercial pesticide applicators respond quickly to changing local conditions and minimize risk of spraying in adverse weather conditions which can cause pesticide drift and impact water resources and pollinators. Evapotranspiration data is vital to determining crop water needs and scheduling timely irrigation applications. Accurate soil temperature data is used for determining when to apply fertilizer to minimize leaching. Good weather data is critical to effective management practices to protect surface water and groundwater resources.

The Minnesota Ag Weather network will expand through a partnership between the MDA and the North Dakota Ag Weather Network (NDAWN). The partnership with NDAWN will reduce costs and reduce the time needed to build a statewide network.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	
FY16-17	
FY18-19	
FY20-21	
FY22-23	
FY24-25	$3,000,000
TOTAL APPROPRIATED TO DATE	**$3,000,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Groundwater Vision Goal 1

- Goal 1, Strategy: Develop and carry out strategies that will protect and restore groundwater statewide.

Drinking Water Source Protection Vision Goal 1

- Goal 1, Strategy: Support prevention efforts to protect groundwater in Drinking Water Supply Management Areas (DWSMAs)

Surface Water Protection and Restoration Vision Goal 2

Goal 2, Action: Restore and protect water resources for public use and public health, including drinking water

Vision: All Minnesotans value water and take actions to sustain and protect it.

- Goal 1, Action: Support local efforts to engage farmers in water quality efforts
- Goal 1, Action: Engage water managers statewide
- Goal 1, Action: Support innovative efforts that accelerate progress toward clean water goals

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Performance measures will include the number of weather stations, number of websites and mobile apps that utilize data from the weather stations, number of counties where weather data is used for irrigation or to inform other agronomic management, number of farmers and farm organizations that utilize this data for more precise nutrient management, and other uses of the data.

The MDA has purchased weather station equipment and constructed one station (indoors) for training purposes. The MDA established siting criteria and solicited interest from private landowners. The MDA has received 75 suggested locations for new weather stations from landowners across Minnesota. The MDA has also been working with the University of Minnesota to establish locations at the Universities Research and Outreach Centers for the installation of new weather stations. Installation will begin as weather permits in Summer 2024.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Current, Phase 1, funding will establish and bring on-line 40 new weather stations. Phase 2 funding will be needed for up to 40 additional stations to complete the weather network expansion statewide. After sites are constructed and installed, funding to support ongoing maintenance and operation of the network will be needed.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

This program may seek funding from the National Mesonet Program once the weather network expansion is completed. Funding from the National Mesonet Program can assist with ongoing operations and maintenance costs once the weather network data is available to be ingested into the National Mesonet.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that “any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous

funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

Yes, a portion of funding ($150,000/year) will be passed through to the North Dakota Ag Weather Network (NDAWN) for upgrading and programming the weather station network platform to incorporate new weather stations and ongoing programming support.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	
FY12-13	
FY14-15	
FY16-17	
FY18-19	
FY20-21	
FY22-23	
FY24-25	2
FY26-27	3

FY26-27 CLEAN WATER FUND PROPOSAL

Agricultural Research and Education

MDA	Program Number: 56
Program Contact Name: **Margaret Wagner**	Phone: **651-201-6488**
Contact E-mail Address: **margaret.wagner@state.mn.us**	
Person filling out form: **Margaret Wagner**	Phone: **651-201-6488**
Person filling out form e-mail address **margaret.wagner@state.mn.us**	

Purpose

Research currently focuses on evaluating, developing, and demonstrating regional and animal-specific recommendations for manure crediting, and developing and revising manure best management practices (BMPs). Water quality benefits and greenhouse gas emission reductions can be achieved by proper crediting for the nutrient value of various types of manure. Many of the current recommendations for manure are based on research that is more than 20 years old and, in some cases, may not represent current technology and livestock management practices. Increased research and demonstration activities will increase farmers confidence in the recommendations and result in reduced manure and commercial fertilizer inputs.

Webpage

Clean Water Research Program | Minnesota Department of Agriculture (state.mn.us)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

This program supports research projects to identify processes that affect water quality and evaluate the costs and benefits of specific agricultural practices. As a result, best management practices will be developed and evaluated to protect and restore water resources. Funding is for increased efforts to support proper accounting and crediting of nutrients from manure. Determining the right timing, rate, source and placement for applying manure to cropland to maximize nutrient uptake by the crop. This will reduce the potential for nutrients to be converted to greenhouse gases, or leach to groundwater or for surface water runoff.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	$2,100,000
FY14-15	$2,100,000
FY16-17	$1,575,000
FY18-19	$1,325,000
FY20-21	$0

FY22-23	$0
FY24-25	$1,500,000
TOTAL APPROPRIATED TO DATE	**$8,600,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

[Don't fill out the FY26-27 until you receive agency approval. We will update the form at that time.]

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Goal 1: Protect groundwater from degradation and support effective measures to restore degraded groundwater.

- Action: Reduce risk of bacteria in groundwater
- Action: Reduce nitrate contamination of groundwater.

Goal 2: Ensure groundwater use is sustainable and avoid adverse impacts to surface water features due to groundwater use.

- Action: Implement water efficiency BMPs, water use reduction, and irrigation water management in areas of high water use intensity by agricultural irrigators, highly sensitive areas, Groundwater Management Areas (GWMAs), and highly vulnerable Drinking Water Source Management Areas (DWSMAs).

Vision: All Minnesotans value water and take actions to sustain and protect it.

Goal 1: Build capacity of local communities to protect and sustain water resources

- Action: Support innovative efforts that accelerate progress toward clean water goals.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Supported 43 research projects (1 active project, 42 completed)

- 23 of the supported research projects evaluate practices to reduce nitrate-nitrogen losses. Practices include emerging technologies such as nitrification inhibitors and optical sensing tools, vegetative cover for water quality benefits, treatment of agricultural drainage systems and updating BMPs to develop statewide guidance on appropriate application practices for nitrogen fertilizer.
- 12 different organizations have been awarded research contracts through the program.
- Almost every WRAPS is using outcomes from this research in selecting practices, calculating the cost and benefits of practices and to support computer modeling.
- Clean Water fund investment has leveraged millions of additional research dollars.
- In FY24-25, the CWF provided $1.5M for manure crediting research. A contract is in place with Dr. Melissa Wilson and a workplan has been developed and approved. This research project will begin in fall of 2024.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Researchers leverage CWF dollars with other federal and state grants. Sources of leveraged funds include United States Department of Agriculture (USDA) National Institute of Food and Agriculture grants, USDA Agriculture and Food Research Initiative grants, USDA NRCS Conservation Innovation Grants, Environmental and Natural Resources Trust Fund (LCCMR grants), Minnesota Soybean Research and Promotion Council, Minnesota Wheat Research and Promotion Council, Minnesota Corn Growers, the Agricultural Fertilizer Research and Education Council (AFREC) grants, and private industry partner investments.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

In FY14-21, 86% of funding was passed through in contracts. Recipients include the University of Minnesota and other universities and research organizations.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	
FY12-13	1.0
FY14-15	1.0
FY16-17	1.25
FY18-19	1.25
FY20-21	0.75
FY22-23	0.25
FY24-25	0.0
FY26-27	

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FY26-27 CLEAN WATER FUND PROPOSAL

River and Lake Monitoring and Assessment

MPCA	Program Number: 10
Program Contact Name: **Kim Laing**	Phone: **651-757-2515**
Contact E-mail Address: **kim.laing@state.mn.us**	
Person filling out form: **Kim Laing**	Phone: **651-757-2515**
Person filling out form e-mail address **kim.laing@state.mn.us**	

Purpose

The Surface Water Monitoring program collects data on lakes, rivers, and streams to complete assessments and determine if waters are impaired or meeting standards, conducts trend analysis to determine water quality changes in our waters over time, and identifies areas for protection and restoration. Program includes 197 sites for annual pollutant load monitoring, and stream and lake monitoring at dozens of sites in up to 16 watersheds over the biennium. The program continues to conduct water quality monitoring at the basin, watershed, and subwatershed scales and deliver the high quality water quality data needed to run the other aspects of the Watershed Framework.

Webpage

Minnesota's Water Quality Monitoring Strategy 2021 to 2031 (state.mn.us)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

This program delivers the water quality data that are foundational to all other steps within the Watershed Framework. The monitoring activities allow us to determine ambient condition (are waters impaired or meeting standards), if waters have been protected or restored, and long-term trends in water quality. The data are also used to facilitate biological stressor identification and calibrate watershed models, which are critical to delivering TMDLs and WRAPS, and targeting local implementation efforts. Monitoring data from watersheds we are revisiting help us evaluate progress towards meeting clean water goals, including delisting waters from the Impaired Waters List once they have been restored.

PRIOR APPROPRIATIONS	
FY10-11	$15,000,000
FY12-13	$15,000,000
FY14-15	$15,200,000
FY16-17	$16,700,000

FY18-19		$16,550,000
FY20-21		$16,300,000
FY22-23		$14,832,000
FY24-25		$18,100,000
TOTAL APPROPRIATED TO DATE		**$127,682,000**
FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Clean Water Council Strategic Plan: Surface Water Protection and Restoration Vision: Minnesotans will have fishable and swimmable waters throughout the state.

Goal 1: Monitor, assess, and characterize Minnesota's surface waters.

o Strategy: Maintain consistent funding for a statewide monitoring system.

o Action: Continue to monitor and assess on 10-year cycle and for emerging contaminants.

▪ Measure: Completion of second monitoring and assessment cycle.

▪ Measure: Reports on contaminants of emerging concern as needed or requested.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

The primary output from the surface water monitoring activities are a large body of high-quality data, which is used in innumerable ways by other steps within the Watershed Framework. Monitoring data from approximately 16 watersheds will be assessed over the biennium, yielding a list of waters that are impaired or meeting standards. The data will also indicate whether we are meeting clean water goals and restoring impaired waters or not. The watershed pollutant load monitoring network will yield long-term trend data at the basin, watershed and subwatershed scales or help us both understand if pollutant levels from both point source and nonpoint sources combined are reducing, as well as feed watershed models used to target local implementation efforts. A primary feature of the surface water monitoring activities is partnership between MPCA and local SWCDs, WDs, educational institutions, and Tribal nations who work together to select monitoring sites. A large portion of the water chemistry sampling is conducted by local partners, which serves to involve them in this phase of the Watershed Framework and build their knowledge and capacity.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

MPCA historically (back to FY04) received an average of $1,250,000 per year for surface water monitoring and assessment activities from state and federal funds. MPCA has maintained this level of non-CWF funding for surface water monitoring and assessment activities following the advent of the CWLA and CWF. The specific breakdown of funding among the funding sources varies from one year to the next.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

On average 2.1 million has been passed through each biennium to LGUs, higher educational institutions, and non-profits.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	36.0
FY12-13	37.9
FY14-15	44.8
FY16-17	42.8
FY18-19	41.3
FY20-21	52.7
FY22-23	36.5
FY24-25	46.5
FY26-27	

FY26-27 CLEAN WATER FUND PROPOSAL

Watershed Restoration and Protection Strategies, Including TMDL Development

MPCA	Program Number: 9
Program Contact Name: **Glenn Skuta** **Heather Johnson**	Phone: **651-470-7572**
Contact E-mail Address: **glenn.skuta@state.mn.us, heather.johnson@state.mn.us**	
Person filling out form: **Glenn Skuta, Heather Johnson**	Phone: **651-470-7572**
Person filling out form e-mail address **glenn.skuta@state.mn.us, heather.johnson@state.mn.us**	

Purpose

Watershed Restoration and Protection Strategies (WRAPS) Updates, including TMDLs, are developed with local partners to set implementation strategies for impaired waters and healthy waters, including pollutant reduction goals and timelines. They provide the watershed science needed to inform and guide local water planning and implementation efforts. As of the FY22-23 biennium, funding for the We Are Water public engagement program is now centralized in this program.

Webpage

Watershed information | Minnesota Pollution Control Agency (state.mn.us)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

WRAPS Updates and TMDLs are all about providing the science local water managers need to develop and update local water plans and implement them. Activities include watershed computer model development and use to identify key subwatersheds contributing high pollutant loads and help set wastewater effluent limits, identification of stressors to fish and aquatic bugs, limited problem investigation monitoring, pollutant load allocations for point and nonpoint sources, and protection and restoration strategy identification. All of this builds on ambient monitoring and feeds the One Watershed One Plan process. In this way, WRAPS Updates/TMDLs are "blueprints" for watershed planning and implementation. We Are Water is the CWF's premier public engagement program, serving many communities across Minnesota's watersheds over time. Multiple agencies contributed CWF to We Are Water in the past, but now the CWF contribution is centralized in this budget.

PRIOR APPROPRIATIONS	
FY10-11	$18,000,000

FY12-13	$18,800,000
FY14-15	$18,800,000
FY16-17	$20,200,000
FY18-19	$19,000,000
FY20-21	$15,100,000
FY22-23	$13,451,000
FY24-25	$12,700,000
TOTAL APPROPRIATED TO DATE	**$136,051,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Surface Water Protection and Restoration **Vision**: Minnesotans will have fishable and swimmable waters throughout the state.

Goal 1: Monitor, assess, and characterize Minnesota's surface waters.

o Strategy: Maintain consistent funding for a statewide monitoring system.

- Action: Complete Total Maximum Daily Load (TMDL) reports as needed. ▪ Measure: Publication of TMDL reports by the MPCA

Goal 2: Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034 by prioritizing and targeting resources by major watershed.

o Strategy: Identify and refine strategies required to meet water quality standards in each HUC-8 watershed.

o Action: Review and revise previously completed Watershed Restoration and Protection Strategies (WRAPS) ▪

- Measure: Completion of second generation of WRAPS.

Vision: All Minnesotans value water and take actions to sustain and protect it.

Goal 1: Build capacity of local communities to protect and sustain water resources.

- Strategy: Maintain and increase capacity of Minnesotans to improve water quality.

o Action: Engage non-traditional audiences with water planning and implementation.

▪ Measure: Evaluation of We Are Water exhibit and its outreach.

- Action: Support local efforts to engage lakeshore property owners and private landowners.
  - Measure: We Are Water annual report.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

This funding will enable continued development and completion of WRAPS Updates and TMDLs. WRAPS for all 80 watersheds were required by statute to be completed by mid-2023 and it was met. This funding would enable us to provide WRAPS Updates for each initial WRAPS. These updates allow us to compare, contrast and summarize changes in water quality conditions and progress towards water quality goals. They also allow us to provide additional water quality data and other information to support on-going local water planning and implementation. Finally, the WRAPS Updates will update strategies necessary to restore and/or protect surface water within the watershed. Beyond WRAPS Updates for the 80 watersheds, this funding will also enable: use of the WRAPS, WRAPS Updates and TMDLs in One Watershed One Plan projects; O+M for the watershed computer models and the associated SAM tool, for continued use in local watershed planning and implementation, and for wastewater effluent limit setting; further biological stressor identification and problem investigation monitoring; and as-needed in collaboration with LGUs, additional TMDL development and WRAPS update reports.

We are Water has measures regarding attendance at exhibits, programming performed, partnerships formed, etc.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

CWF supplements other PCA funding from state general/environmental funds, and federal CWA Section 319 funds.

Supplement vs. supplant

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Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

> Funding has been passed-through to SWCDs, counties, watershed districts, consulting firms, and for We Are Water to the MN Humanities Center and their local partners. Roughly about 20% of this amount would be passed-through.

In addition to standard deliverables of WRAPS, TMDL, and Stressor Identification Reports, here are some examples of current projects:

Pathogen Special Project - $511,000
Recipients: The University of Minnesota is completing this project. They are one month into their field season, and once collected, they will launch their genetic analysis on over 1,000 samples statewide.
Project overview: This project will use state-of-the-art microbial source tracking methods to determine the sources of fecal contamination in representative watersheds in Minnesota. Water samples will be collected from multiple locations within each watershed and during both low and high flow conditions to analyze the temporal and spatial dynamics of fecal contamination sources. In addition to fecal contamination sources, basic water quality parameters (total nitrogen, total phosphorus, chemical oxygen demand, turbidity, and total suspended solids) and the occurrence of human sourced pathogens will be also quantified.
Expected project outcomes: Results from each HUC-10 watershed will provide *E. coli* source information to be used in watershed planning and inform management decisions at the local and regional level.
Project timeline: Staff from the University of Minnesota will be out collecting water samples April – October 2024. The project will wrap up in June of 2026.

St. Louis River WRAPS/TMDL - $112,00
Recipients: Tetra Tech is using some of this funding to model mercury in the St. Louis River Watershed.
Project overview: The simulation of mercury transformations throughout the watershed will help inform implementation and development of TMDL WLAs.

Shell Rock street sweeping study and other deliverables - $42,000
Project overview: Managing stormwater is a strategy listed in the Shell Rock/Winnebago CWMP to meet lake total phosphorus (TP) and sediment (TSS) reduction goals. Fountain Lake is located in the heart of the city of Albert Lea and is the primary focus of this street sweeping study. Portions of Albert Lea Lake will also be included. The purpose of this study to identify hot spot areas for nutrient/organic matter (OM) inputs. This will likely include identifying specific areas within city of Albert Lea with deciduous trees, typical leaf drop, and other high priority areas (high sedimentation & lawn clippings). With this information, the city of Albert Lea will be able to modify their street sweeping program to increase sweeping during times of high nutrient/OM inputs. This work will be contracted with a professional consultant (to be determined). Final products to be delivered to the local partners will include recommendations for the city's street sweeping schedule and a GIS map of high priority locations.

Rice Creek Cover Crop project - $40,000 over several years

Project overview: FY24 CWF money is being used to provide monitoring and technical support to LGUs working to implement cover crops in a small trout stream watershed; 30%+ of the acres in the watershed participated and the monitoring work documented significant changes in the nitrate concentrations leaving the cropland.

Buffalo River Watershed TMDL - $4,500

Project overview: The Buffalo River Watershed (BRW) and Upper Red River of the North Watershed (URRW) "cycle 2" TMDL report and WRAPS update report are currently in development. The TMDL report will address 22 impairments on 14 water bodies – 10 impaired streams and 1 impaired lake in the BRW and 3 impaired streams in the URRW. The impairments are caused by excess nutrients in the one impaired lake, as well as excess total suspended solids (TSS), low dissolved oxygen, and impaired fish and/or macroinvertebrate communities in the impaired streams. The TMDLs will be written for TSS and total phosphorus and will include pollutant reduction targets to help these impaired water bodies meet applicable water quality standards in the future. The money for this contract will be used for sampling and data collection for the impairments.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	34.0
FY12-13	31.8
FY14-15	31.5
FY16-17	35.2
FY18-19	35.4
FY20-21	31.2
FY22-23	35.0
FY24-25	35.0
FY26-27	33.0

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FY26-27 CLEAN WATER FUND PROPOSAL

Groundwater Monitoring and Assessment

MPCA	Program Number: 11
Program Contact Name: **Paul Pestano**	Phone: **651-757-2090**
Contact E-mail Address: **paul.pestano@state.mn.us**	
Person filling out form: **Erik Smith**	Phone: **651-757-2719**
Person filling out form e-mail address **erik.smith@state.mn.us**	

Purpose

MPCA's Ambient Groundwater Monitoring and Assessment Program.

Webpage

Groundwater monitoring | Minnesota Pollution Control Agency (state.mn.us)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Groundwater monitoring and assessment to continue to support the MPCA and local and state partners' ability to: track contaminant trends in an early warning well network; assess downward migration of key contaminants into drinking water aquifers; investigate potential new sources of contamination to the state's groundwater; and better understand the interaction between ground and surface waters in specific areas. Groundwater quality data, modeling, and information about surface water and groundwater interactions will inform: restoration and protection strategies developed by the MDH, MPCA and local and state partners; advancement of groundwater protection BMPs; and evaluation of their effectiveness in protecting groundwater for drinking, irrigation and healthy aquatic ecosystems.

PRIOR APPROPRIATIONS	
FY10-11	$2,250,000
FY12-13	$2,250,000
FY14-15	$2,250,000
FY16-17	$2,364,000
FY18-19	$2,363,000
FY20-21	$2,364,000
FY22-23	$1,900,000
FY24-25	$2,000,000
TOTAL APPROPRIATED TO DATE	**$17,741,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

This proposal aligns with a strategy from Goal 1- Develop baseline data on Minnesota's groundwater quality, including areas of high pollution sensitivity.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Maintaining ambient well network of 270 wells focusing on shallow aquifers in urban areas; conducting annual sampling and data analysis of multiple pollutants at most sites; contaminants of emerging concern (CECs) in 40 network wells; continuous data on level and conductivity at a few key sites; providing groundwater data and analysis for Watershed Monitoring and Assessment Reports, WRAPS, GRAPS, and 1W1P.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

MPCA historically (back to FY04) received an average of $225,000 per year for groundwater monitoring and assessment activities from state and federal funds. MPCA has maintained this level of non-CWF funding.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

Funds passed through by contract to analytical labs (private, MDH, USGS), well drilling and siting (private well drillers), and equipment providers (private). Number and value of contracts varies by year.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	3.0
FY12-13	2.6
FY14-15	2.9
FY16-17	3.6
FY18-19	3.9
FY20-21	6.5
FY22-23	3.9
FY24-25	4.45
FY26-27	

FY26-27 CLEAN WATER FUND PROPOSAL

National Pollutant Discharge Elimination Wastewater/Stormwater TMDL Implementation	
MPCA	Program Number: 39
Program Contact Name: **Ryan Anderson** **Suzanne Baumann**	Phone: **651-757-2222** **651-757-2798**
Contact E-mail Address: **ryan.anderson@state.mn.us**, **suzanne.baumann@state.mn.us**	
Person filling out form: **Ryan Anderson** **Suzanne Baumann**	Phone: **651-757-2222** **651-757-2798**
Person filling out form e-mail address: **ryan.anderson@state.mn.us**, **suzanne.baumann@state.mn.us**	

Purpose

Funding for these program areas supports point source implementation work, notably: integration of the watershed approach into NPDES wastewater permitting; incorporation of both stormwater and wastewater wasteload allocations into TMDLs where applicable; incorporation of stormwater and wastewater considerations into WRAPS; and creating opportunities for pollutant trading. Funding also supports technical assistance for permittees in both wastewater and stormwater permitting programs, particularly municipalities experiencing difficulties understanding and implementing the requirements of the municipal stormwater and wastewater programs.

Webpage

Municipal stormwater (MS4) | Minnesota Pollution Control Agency (state.mn.us)

Water quality trading | Minnesota Pollution Control Agency (state.mn.us)

Minnesota Stormwater Manual (state.mn.us)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Stormwater and wastewater are significant contributors of pollutants to impaired waters. The MPCA oversees approximately 1,400 NPDES wastewater and 3,810 NPDES stormwater permits under the NPDES program, as enabled by the federal Clean Water Act. The Stormwater Program is implemented primarily through general permits, including the Municipal Separate Storm Sewer System (MS4) General Permit. Wastewater and stormwater NPDES permits must be written to include requirements consistent with applicable waste load allocations (WLA) included in Total Maximum Daily Loads (TMDLs).

The accelerated completion of TMDLs and Watershed Restoration and Protection Strategies (WRAPS) has dramatically increased the available information that must be considered during issuance of wastewater and stormwater permits. Proper permitting and management of

stormwater and wastewater is crucial to the successful implementation of TMDL requirements. A proactive and coordinated approach by the MPCA's wastewater and watershed programs ensures consistency among wastewater permits and TMDLs to achieve timely implementation of pollutant reductions by point sources. Significant staffing resources are needed to ensure that stormwater and wastewater are properly represented and addressed during the development and implementation of TMDLs and WRAPS.

Also, the MPCA has received comments from wastewater and MS4 permittees, industry groups, local partners, and environmental advocates stating that there is a significant need for assistance in implementing permit requirements and supporting pollutant trading. Requests include creation of form templates, checklists, guidance documents, support in identifying and developing water quality trading proposals, and assistance visits. These activities ensure technical scientific information is more easily and efficiently implemented by our permittees. After multiple permit cycles and traditional inspection and assistance activities, MPCA staff experience and program data demonstrate that many MS4s permittees are not meeting some of the permit requirements, which reinforces the need for continued, targeted assistance. In addition, implementation of permit requirements to meet TMDL wasteload allocations can be costly to communities. Local partners (wastewater and stormwater permittees and local implementation organizations like Soil and Water Conservation Districts) have voiced the need for support in identifying and developing water quality trading projects that achieve the point and nonpoint source pollutant reduction needs in a watershed. These water quality trading projects can be more cost-effective for permittees and local partners, and provide substantial water quality benefits within the watershed.

Notably, these funds have recently allowed us to hire a Water Quality Trading Program Coordinator to provide the support needed to utilize the science and priorities identified within Minnesota's Watershed Framework efforts to identify opportunities to work across sectors and achieve the water quality goals of a watershed faster and more economically. The position is working to connect point source with nonpoint source partners and supporting economic growth by allowing expansions while making net pollutant reductions. The project dollars will also ensure continued development of assistance, guidance and design materials, along with customized materials for stormwater permittees.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	$1,800,000
FY16-17	$1,800,000
FY18-19	$1,800,000
FY20-21	$1,800,000
FY22-23	$1,800,000
FY24-25	$3,000,000
TOTAL APPROPRIATED TO DATE	**$12,000,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

- Surface Water Protection and Restoration Vision: Minnesotans will have fishable and swimmable waters throughout the state.
  - Goal 3: Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034 via through statewide, regional, or issue-specific programs that help meet water quality goals but are not necessarily prioritized and targeted according to geography.
    - Strategy: Enhance compliance for regulatory programs to accelerate progress

- Vision: All Minnesotans value water and take actions to sustain and protect it.
  - Goal 1: Build capacity of local communities to protect and sustain water resources
    - Strategy: Maintain and increase capacity of Minnesotans to improve water quality.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

NPDES wastewater/stormwater TMDL implementation funding supports several staff in the MPCA's wastewater and stormwater programs. These staff are responsible for providing input into the development of WRAPS and TMDLs, accounting for the inclusion of point source contributions, and ensuring that wasteload allocations are included in wastewater and stormwater permits. Staff also facilitate water pollutant trades in permits (point to point source and point to nonpoint source trades), the development of tools to better analyze the relationship between point sources and surface waters, and create connections with those in the market for a trade and those with the potential to make reductions. As an example of the work of this team, private sector watershed professionals make extensive use of the wastewater monitoring data the MPCA makes available in a Tableau data browser for development of TMDLs and WRAPS.

Funding also supports the continued development of the Stormwater Manual that is routinely used by both regulated and unregulated communities to properly manage stormwater. Each appropriation adds to the material in the Manual, and it is often referenced by stormwater professionals as a critical tool and source of information. Often the projects for a given FY seek to convert research into guidance for permittees or to develop credit programs to allow permittees to achieve compliance with permit conditions flexibly. The work chosen for a given year is guided by stakeholder input. Work selected for FY26-27 will likely be related to assisting MS4 permittees with requirements related to implementation of TMDLs in stormwater permits to ensure pollutant reductions from stormwater are achieved. In addition, work will also build

upon efforts by the Health Department related to the capture and reuse of stormwater, as well as proper management of wastes removed from stormwater BMPs. Past accomplishments include developing self-audit materials for permittees, a digital document library for easy online access to information, guidance on stormwater pond assessments, case studies for MS4 guidance, a concept for allowing credits for stormwater sweeping, guidance on green infrastructure, and updating both the MS4 and TMDL Toolkits.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

This proposal will supplement previous funding.

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	
FY12-13	5.2
FY14-15	6.5
FY16-17	8.0
FY18-19	6.0
FY20-21	6.0
FY22-23	7.0
FY24-25	7.75
FY26-27	

FY26-27 CLEAN WATER FUND PROPOSAL

Enhanced County Inspections/SSTS Corrective Actions

MPCA	Program Number: 43
Program Contact Name: **Felicia Merkson**	Phone: **218-316-3890**
Contact E-mail Address: **felicia.merkson@state.mn.us**	
Person filling out form: **Felicia Merkson**	Phone: **218-316-3890**
Person filling out form e-mail address **felicia.merkson@state.mn.us**	

Purpose

State and county SSTS program support: This is critical funding that supports SSTS programs at the state and county levels. State staff provide technical assistance to counties and support compliance for some of the most difficult enforcement cases that counties ask the MPCA to take over. Base funding is provided to support County implementation of their local SSTS program requirements (M.S. 115.55) including issuing permits, conducting inspections, identifying, and resolving non-compliant SSTS, and revising and maintaining SSTS ordinances. Additional funding is made available to counties for grants to homeowners to repair or replace noncompliant SSTS (septic systems).

Webpage

SSTS annual report | Minnesota Pollution Control Agency (state.mn.us)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Approximately 33% of Minnesotans rely on SSTS to treat their wastewater. Properly functioning SSTS help to ensure that our ground and surface waters are protected from pollutants such as bacteria, pathogens, and phosphorus. While the state provides the overarching rules and guidance for the SSTS program, our county partners are required to implement the SSTS program by MN Stat. 115.55. Without base funding, an extensive amount of county-level SSTS permitting and compliance work, that is critical to protect groundwater, would go undone (based on 2023 data): ~86 FTEs on the county level would be unfunded; 33% of wastewater, treated by septic systems in the state would be largely unmanaged; over 10,000 permits, soil verifications, and construction inspections for new and replacement systems would not be issued; and reviews of ~14,000 compliance inspections would not be completed.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	$6,900,000
FY16-17	$7,245,000
FY18-19	$6,870,000
FY20-21	$6,750,000
FY22-23	$5,824,000
FY24-25	$7,100,000
TOTAL APPROPRIATED TO DATE	**$40,689,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

- Goal 1, strategy 2, action 2: Reduce risk of bacteria in groundwater. Action: Complete plans and fund activities for protection and restoration of groundwater statewide using a major watershed scale

- Goal 3, strategy 1, action 1: Enhance compliance for regulatory programs to accelerate progress. Action: Maintain compliance rates for subsurface sewage treatment systems (SSTS) at 80 percent with a stretch goal of 90 percent.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

- Since FY13, when MPCA began receiving CWF for the SSTS program, it has distributed $1,473,180 annually to counties for enhancing their SSTS programs, and we anticipate this continuing into the FY26/27 biennium. In addition to providing base funding, counties can apply for grant funds for low-income homeowners who have failing SSTS that need to be upgraded or replaced. The average distribution per county is $26,885. The total amount of low-income funding distributed since FY13 is ~$14,518,000.

- The demand from counties for funding the SSTS Low-Income Grant program continues to, on an annual basis, exceeded the amount of funding available by an average of over $675,000/yr. Without continued funding, some homeowners would have to wait for future funds to become available before they can upgrade their septic systems, and this is a potential risk to groundwater and drinking water wells.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

CWF supplements other state environmental funds. Base grants per county equal $21,200. Of this amount, $17,130 is CWF and $4,070 is Environmental fund. An LCCMR grant of $2 million was also awarded by the legislature in 2022 and expires in 2025. This money is being provided to counties as additional grant funding to put toward additional low-income SSTS fixes.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

This proposal will supplement previous funding.

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

93% percent of the entire appropriation for this item is passed through to counties so they can implement their delegated SSTS programs and provide grants to homeowners for SSTS upgrades. Approximately 40% is distributed in base grants for each county and 60% is available to counties through competitive grants.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	
FY12-13	1.4
FY14-15	2.1
FY16-17	3.0
FY18-19	3.0
FY20-21	1.8
FY22-23	1.4
FY24-25	1.4
FY26-27	1.4

FY26-27 CLEAN WATER FUND PROPOSAL

Chloride Reduction Efforts

MPCA	Program Number: 38
Program Contact Name: **Dave Benke**	Phone: **651-757-2221**
Contact E-mail Address: **david.j.benke@state.mn.us**	
Person filling out form: **Brooke Asleson**	Phone: **651-757-2205**
Person filling out form e-mail address **brooke.asleson@state.mn.us**	

Purpose

Technical assistance and grants to public entities to help meet chloride TMDL requirements.

Webpage

Chloride | Minnesota Pollution Control Agency (state.mn.us)

Smart Salting training | Minnesota Pollution Control Agency (state.mn.us)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

This program offers assistance, grants, training, and education and outreach to communities, permittees, and other organizations to reduce chloride at the source and protect water quality. Chloride is a permanent pollutant that does not breakdown over time, therefore source reduction is the best and most cost effective option for protecting surface waters and groundwater from chloride pollution.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	
FY16-17	
FY18-19	
FY20-21	$500,000
FY22-23	$520,000
FY24-25	$1,300,000
TOTAL APPROPRIATED TO DATE	**$2,320,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Reductions in chloride will be gained through administering the Smart Salting Training & Certification program in both the public and private sector. We are able to certify roughly 1,200 individuals each year and provide additional annual training and education to many more through our refresher trainings, workshops and educational materials.

These funds will also reduce chloride entering our waters from all sources of chloride through technical and financial assistance to communities to work with residents, businesses, industrial and commercial facilities for implementing chloride reduction activities. Technical assistance is targeted to permit holders but open to any who request it. The chloride reduction grant program aims to offer grants to 4-5 communities each biennium but is dependent on the available funds and amount requested by each community.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

CWF supplements other state environmental funds.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

Smart Salting Training program	2021 (CWF)	2022 (CWF & ENRTF)	2023 (CWF & ENRTF)	Cumulative
# certification trainings	40	48	43	131
total individuals certified	1267	1410	1246	**3923**
# trainings/workshops/refreshers	40	57	56	**153**

In FY20-21 the first Chloride Reduction grant in the amount of $200,000 was awarded to Fortin Consulting (acquired by Bolton & Menck during grant) who partnered with the cities of Altura, Avon, and Medina to develop and manage a water softening rebate program for their communities.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	
FY12-13	
FY14-15	
FY16-17	
FY18-19	1.0
FY20-21	1.0
FY22-23	1.0
FY24-25	1.0
FY26-27	

FY26-27 CLEAN WATER FUND PROPOSAL

Clean Water Council

MPCA	Program Number: 62
Program Contact Name: **Paul Gardner**	Phone: **651-757-2384**
Contact E-mail Address: **paul.gardner@state.mn.us**	
Person filling out form: **Paul Gardner**	Phone: **651-757-2384**
Person filling out form e-mail address **paul.gardner@state.mn.us**	

Purpose

This program supports 2.0 FTE that support the operation of the Clean Water Council and related expenses.

Webpage

https://www.pca.state.mn.us/about-mpca/clean-water-council

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

During FY26-27,

Paul Gardner was hired in January 2019 as the Council Administrator at 1.0 FTE. Brianna Frisch continues to provide administrative support at 0.85 FTE. The MPCA Communications team provides 0.15 FTE to support the Council's communications strategy.

The Council meets monthly, as do the Policy Committee and Budget and Outcomes Committee (BOC). The full Council currently meets in person as well as the BOC. The Policy Committee meets online presently. Each in person meeting requires food and beverage service and photocopying.

Strategic Planning: In 2023-2024, the Council completed its second strategic plan to guide the use of the Clean Water Fund for the last ten years of the Legacy Amendment.

Communications: The Council started a weekly e-mail bulletin in 2019 on upcoming meetings and updates on projects supported by the Clean Water Fund. Subscriptions stand at 5,000 people. Staff is using unencumbered funding from past fiscal years to support one-time content development to fulfill the recently approved Interagency Clean Water Fund Communications Plan. This strategy is required in M.S. 114D.35 Subd. 3.

• Legislative outreach: Staff has kept in regular communication with key legislators and their staff in both houses. A legislative update e-mail bulletin goes out twice a week during the

session to update subscribers on bill introductions, hearing schedules, testimony, etc. There are approximately 1,000 subscribers.

• Field Tour: The Council holds a field tour in September of odd-numbered years.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	$73,000
FY16-17	$100,000
FY18-19	$100,000
FY20-21	$220,000
FY22-23	$600,000
FY24-25	$675,000
TOTAL APPROPRIATED TO DATE	**$1,768,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

[Don't fill out the FY26-27 until you receive agency approval. We will update the form at that time.]

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

The Council budget supports the ability of the Council to carry out its strategic plan.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Council has approved a new Interagency Clean Water Fund Communications Plan, a new strategic plan, and biennial funding recommendations with occasional supplemental funding requests.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

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Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	1.0
FY12-13	1.0
FY14-15	1.0
FY16-17	1.5
FY18-19	1.5
FY20-21	2.0
FY22-23	2.0
FY24-25	2.0
FY26-27	2.0

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FY26-27 CLEAN WATER FUND PROPOSAL

National Park Water Quality Protection Program

MPCA	Program Number: 92A
Program Contact Name: **Wade Pavleck**	Phone: **218-244-6880**
Contact E-mail Address: **wade.carol@frontier.com**	
Person filling out form: **Keith Wiley**	Phone: **218-725-5019**
Person filling out form e-mail address **wileyk@stlouiscountymn.gov**	

Purpose

Continued efforts towards protecting the waters of VNP at the four main public access points of the park.

Webpage

Voyageurs National Park Clean Water Projects (sehinc.com)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Development of sanitary sewer infrastructure the eliminates failed septic systems.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	$3,500,000
FY16-17	$0
FY18-19	$2,000,000
FY20-21	$1,550,000
FY22-23	$1,400,000
FY24-25	$2,000,000
TOTAL APPROPRIATED TO DATE	**$10,450,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

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Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Creation of Sanitary Sewer Districts in Koochiching County, Crane Lake, Kabetogama, and recent formation of a district in Ash River. Additional funds will be allocated by the VNPCWJPB to further develop the 4 sewer districts as part of the Sanitary Sewer Comprehensive Plan.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Yes [Can you give some details on sources and amounts?]

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Increase

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

All of the funding will be allocated to the VNPCWJBP and distributed the the 4 Sanitary Sewer Districts.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	0.0
FY12-13	0.0
FY14-15	0.0
FY16-17	0.0

FY18-19	0.0
FY20-21	0.0
FY22-23	0.0
FY24-25	0.0
FY26-27	0.0

FY26-27 CLEAN WATER FUND PROPOSAL

Stream Flow Monitoring

DNR	Program Number: 76
Program Contact Name: **Joy Loughry**	Phone: **651-259-5686**
Contact E-mail Address: **joy.loughry@state.mn.us**	
Person filling out form: **Jason Moeckel**	Phone: **651-259-5240**
Person filling out form e-mail address **Jason.moeckel@state.mn.us**	

Purpose

This program collects stream flow data, which is used to analyze total runoff, flood flows, calculate pollutant loads for MPCA's water quality assessments, and sample bedload at select stations to analyze sediment transport in streams.

Webpage

Cooperative Stream Gaging (CSG) | Minnesota DNR (state.mn.us)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Clean water funds have allowed the DNR to expand a network of stream gages that are critical for MPCA's water quality assessments. Funds are used to install/upgrade and calibrate stream gages and to collect, compile, analyze and distribute data collected at gage stations. The Cooperative Stream Gaging Website provides a portal for agencies and the public to see stream flow data, site photos, water quality information and links to other information. In addition, a Monthly Hydrologic Conditions Report provides general trend information on water resources using climatic data, lake and river gages, and groundwater monitoring information.

The stream flow information collected from these gage stations is used by the Minnesota Pollution Control Agency to calculate pollution loads for Total Maximum Daily Loads. They are also used to evaluate trends in base flow conditions, determine the frequency and magnitude of floods and low flows, assist in assessing changes in land use and watershed conditions and the potential effects of climate change. This information is used to inform comprehensive watershed plans (1W1P) and helps set goals and objectives for implementation efforts.

PRIOR APPROPRIATIONS	
FY10-11	$1,500,000
FY12-13	$3,700,000
FY14-15	$4,000,000
FY16-17	$4,000,000
FY18-19	$3,900,000

FY20-21	$4,000,000
FY22-23	$4,000,000
FY24-25	$5,100,000
TOTAL APPROPRIATED TO DATE	**$30,200,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST
TBD	TBD	TBD

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

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Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Continuously monitored flow at 147 sites. The program has achieved its goal for establishing long term monitoring sites. Current efforts are to maintain sites, service and replace equipment as needed, serve the data through a web application and support analysis of data for use by others.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Other state funding sources are used to maintain previously established gage stations. CWF supplements that activity.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	5.0
FY12-13	7.0
FY14-15	14.0
FY16-17	16.1
FY18-19	15.0
FY20-21	15.0
FY22-23	15.0
FY24-25	15.0
FY26-27	

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FY26-27 CLEAN WATER FUND PROPOSAL

Lake Index of Biological Integrity

DNR	Program Number: 6
Program Contact Name: **Jacquelyn Bacigalupi**	Phone: **218-203-4315**
Contact E-mail Address: **Jacquelyn.bacigalupi@state.mn.us**	
Person filling out form: **Jason Moeckel**	Phone: **651-259-5240**
Person filling out form e-mail address **Jason.moeckel@state.mn.us**	

Purpose

This program supports MPCA's water quality assessments in lakes with measurements of the biological integrity of fish populations. "Biological integrity" refers to the types and abundance of species that are found in a lake, and how the communities vary from what is expected in a high-quality lake for a given region of the state.

Webpage

Lake Index of Biological Integrity | Minnesota DNR (state.mn.us)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

The Index of Biological Integrity (IBI) is used to identify and help prioritize lakes for protection and restoration. It is an analytical tool that can identify water pollution, connectivity, or habitat problems based on the type and abundance of certain species in a biological community and how they vary from what is expected for a high-quality lake of that type. The IBI gives a holistic picture of lake condition, integrating numerous environmental stressors over time and complementing other traditional water quality measurements that represent a snapshot in time (phosphorus, water clarity, toxic contaminants). Developing an IBI involves sampling a wide range of lakes, from high-quality systems to those with significant water quality and habitat impacts, plus detailed statistical analyses. A key element of this effort is collecting information about the entire fish community, including rarely sampled non-game fish that are often more sensitive to watershed and shoreline disturbance.

Fishery managers traditionally have not sampled entire fish communities, but with the clean water funding, DNR added Fish IBI sampling. DNR Biologists complete about 135 Fish IBI surveys and 75 detailed habitat surveys on lakes annually, following the MPCA Intensive Watershed Monitoring schedule. Lakes are selected for surveys and assessment based on condition, size, local prioritization, and to be representative of watershed condition and of environmental justice areas. The DNR participates in the MPCA watershed assessment process, providing Fish IBI data and interpretation to identify impaired lakes, those meeting standards, and lakes of exceptional biological quality. In addition, the DNR is providing an analysis of the stressors

contributing to impairment on lakes listed as impaired or vulnerable to impairment based on the Fish IBI, using a rigorous stressor identification process. While lakes within forested watersheds that are surrounded predominantly by natural shorelines often support healthy fish communities, those within agricultural or developed watersheds with extensive shoreline development are more likely to contain fish communities that are impaired or vulnerable to impairment. Measures of these and other stressors such as altered interspecific competition, temperature regime changes, and decreased dissolved oxygen are evaluated and summarized in watershed-specific stressor identification reports. Information from those reports is integrated into watershed restoration and protection strategies and comprehensive watershed management plans, to guide future implementation efforts and ultimately improve fish community health.

The DNR Fish IBI Program also worked with MPCA scientists recently to expand the scope of biological assessments to include coldwater fishes and their habitats. Additional standards were developed for lakes that support coldwater fish species, and the agencies are progressing towards implementing the standards. Coldwater lakes are an important resource in Minnesota that provide a variety of beneficial uses. A major difference in the ecological requirements of coldwater species compared to cool and warm water species is the need for habitat with cooler temperatures and higher oxygen levels, therefore the standards are developed specifically for lakes with such species and habitat potential. These coldwater assessments will include additional monitoring, reporting, and stressor identification moving forward.

The DNR Fish IBI program is also expanding the geographical scope and developing tools to describe fish communities on lakes within the Canadian Shield part of the state, including lakes within the Lake Superior watersheds. Current FIBI tools were developed for lakes in the Mississippi, Red, St. Croix, Rainy, and Missouri river basins.

PRIOR APPROPRIATIONS	
FY10-11	$1,320,000
FY12-13	$2,300,000
FY14-15	$2,600,000
FY16-17	$2,600,000
FY18-19	$2,500,000
FY20-21	$2,500,000
FY22-23	$2,000,000
FY24-25	$2,900,000
TOTAL APPROPRIATED TO DATE	**$18,720,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

[Don't fill out the FY26-27 until you receive agency approval. We will update the form at that time.]

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Primarily goals 1 and 2.

Goal 1: Monitor, assess, and characterize Minnesota's surface waters. Strategy: Maintain consistent funding for a statewide monitoring system.

Goal 2: Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034 by prioritizing and targeting resources by major watershed. Strategy: Identify and refine strategies required to meet water quality standards in each HUC-8 watershed, and Strategy: Prioritize waters for protection and restoration using comprehensive watershed management plans (One Watershed One Plan or other approved plans) updated every ten years.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Four different Fish IBIs were developed to represent a variety of Minnesota lakes. Nearly 800 lakes have been assessed for fish, with approximately 77% of lakes fully supporting aquatic life use based on the Fish IBI. Stressor investigations identified eutrophication and physical habitat alterations as the most common stressors to fish communities in impaired and vulnerable lakes. Approximately 17% of lakes contain exceptional fish communities that can be targeted for protection with more stringent water quality standards and voluntary protection efforts. Over 700 coldwater lakes have been identified, and rulemaking, monitoring, and several watershed assessments are in process to implement water quality standards to protect coldwater fishes and their habitats.

For more information about the percentages, and assessment information by watershed, see our website: https://www.dnr.state.mn.us/waters/surfacewater_section/lake_ibi/index.html

The Fish IBI program fits into the biennial Performance Report primarily under surface water health measures: 1) rate of impairment/unimpairment of surface water statewide and by watershed, and 2) changes over time in key water quality parameters for lakes and streams.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

These efforts are also partially supported by the Game and Fish Fund in that selective components collected as part of game fish management surveys are included in Fish IBI

calculations. However, the two additional survey components needed to target nongame fish, calculate a Fish IBI, and complete stressor identification are not eligible for game and fish funds. In addition, typically multiple surveys are considered when making a biological assessment of a lake, so data requirements are more rigorous than used in standard game fish management surveys. Biological community information collected and summarized by the DNR Fish IBI program have been incorporated into the MPCA watershed assessment process, which ultimately aims to guide clean water planning, restoration, and protection efforts for lakes in each watershed.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

The numbers provided are full time equivalent, as many of the employees are hired June – August only.

FY10-11	10
FY12-13	13
FY14-15	13
FY16-17	15.5
FY18-19	14
FY20-21	11
FY22-23	11
FY24-25	12.5
FY26-27	12.5

FY26-27 CLEAN WATER FUND PROPOSAL

Fish Contamination Assessment

DNR	Program Number: 6
Program Contact Name: **Isaiah Tolo**	Phone: **651-356-4236**
Contact E-mail Address: **isaiah.tolo@state.mn.us**	
Person filling out form: **Jason Moekel**	Phone:
Person filling out form e-mail address Jason.moeckel@state.mn.us	

Purpose

This program (Fish Contaminants Monitoring Program) analyzes fish tissue to detect mercury and other contaminants. The information is used to determine whether lakes are impaired for these contaminants (MPCA), and in establishing fish consumption advisories (MDH).

Webpage

Fish Contamination Assessment | Minnesota's Legacy (mn.gov)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Clean water funding is used to significantly increase the number of lakes and rivers that are assessed for mercury contamination on an annual basis. From FY24, funding is used to conduct annual monitoring of PFAS in fish tissues. PFOS contamination appears to be pervasive across Minnesota. PFOS doesn't follow typical bioaccumulation patterns observed for mercury and PCBs. Fish are collected during DNR Fisheries' lake surveys, processed by the DNR Fish Health Laboratory (not paid for by this appropriation), and analyzed for contaminants. Funding is used to pay for laboratory analysis of fish tissue for contaminants (analysis is done by the Minnesota Department of Agriculture and Minnesota Department of Health analytical laboratories or by contracts with external laboratories). The data are shared with the Minnesota Pollution Control Agency and the Minnesota Department of Health. Long-term trends are summarized in the Clean Water Fund Performance Report.

While necessary, improvement of the current program with the addition of PFAS assessment has increased the complexity of the FCMP's process, particularly for the DNR's role of fish tissue processing, and project management.

PRIOR APPROPRIATIONS	
FY10-11	$270,000
FY12-13	$270,000
FY14-15	$270,000
FY16-17	$270,000

FY18-19	$270,000
FY20-21	$270,000
FY22-23	$350,000
FY24-25	*$910,000
TOTAL APPROPRIATED TO DATE	**$2,880,000**

*FY25 request includes an additional $90K for funding 1 FTE for the DNR's Fish Health Laboratory

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

[Don't fill out the FY26-27 until you receive agency approval. We will update the form at that time.]

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

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Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Annually testing of ~120 waterbodies for mercury/PCB and ~25 waterbodies for PFAS levels in fish. Maintaining and revising fish consumption advice.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Increase

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

These efforts are also supported by the Game and Fish Fund and state general fund.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	0.0
FY12-13	0.0
FY14-15	0.0
FY16-17	0.0
FY18-19	0.0
FY20-21	0.0
FY22-23	0.0
FY24-25	1.0 (requested for FY25)
FY26-27	

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FY26-27 CLEAN WATER FUND PROPOSAL

Watershed Restoration and Protection Strategies (DNR portion)

DNR	Program Number: 10
Program Contact Name: **Barbara Weisman**	Phone: **651-259-5147**
Contact E-mail Address: **barbara.weisman@state.mn.us**	
Person filling out form: **Jason Moeckel**	Phone: **651-259-5240**
Person filling out form e-mail address **Jason.moeckel@state.mn.us**	

Purpose

DNR stream geomorphology experts and area hydrologists work with staff from other state agencies to help local resource managers identify the root causes of water quality problems and enduring, multiple-benefit solutions. We collect and analyze stream channel stability and streambank erosion data to help address sediment-related impairments and better understand stream restoration success factors. We analyze stream flow, precipitation, and climate data to estimate the potential impacts of hydrologic change on flooding, stream stability, and the health of plants, fish, and other life in and around streams. We provide the Watershed Health Assessment Framework (WHAF), a web-based tool to help resource managers explore watershed health and access extensive watershed data. All of this work informs efforts by MPCA and local partners to investigate and characterize water quality problems and develop or refine strategies in the second generation of WRAPS and ultimately also as Comprehensive Watershed Management Plans are implemented and renewed.

Webpage

Watershed Health Assessment Framework | Minnesota DNR (state.mn.us)

Watershed Restoration and Protection Strategies | Minnesota's Legacy (mn.gov)

Evaluation of Hydrologic Change Technical Summaries - watershed report series | Minnesota Water Research Digital Library

A web map providing access to DNR stream geomorphology survey data and studies is anticipated to be available on the DNR website in 2025.

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

To select cost-effective protection and restoration strategies, local resource managers need a robust understanding of how streams and lakes interact with the land that drains to them and how climate and land use impact watershed health. This program complements MPCA's collection and analysis of water quality and biology data and helps bridge gaps in the science of healthy watersheds.

Hydrology and Geomorphology Analysis

We know that widespread climate and land use changes have accelerated an increase in stream flows in Minnesota in recent decades. This affects not only water quality but also stream channel stability, water storage capacity, and aquatic habitat. The MPCA has identified altered hydrology as a key stressor in many water quality impairments and BWSR requires comprehensive watershed management plans to include a water storage goal. A watershed can endure only so much change to the flow regime before the biological and the physical systems become degraded. Therefore, understanding when, how, and to what extent hydrologic conditions have changed can help local managers set appropriate goals and choose effective strategies to address unwanted impacts.

Until recently Minnesota lacked consistent, complete data on the exact nature and degree of hydrologic change in watersheds. Rigorous in-depth DNR Evaluation of Hydrologic Change (EHC) analyses are filling this gap. The analysis not only quantifies the magnitude, frequency, duration, timing, and rate of change of several hydrologic conditions; it also uses these data to indicate how concerned local resource managers should be about the potential impacts of these changes – for example related to flood flows, channel-forming flows, and impacts on aquatic life and water quality. The information is provided via technical summaries (see link above to publication series), with key findings described at the start. More work is needed to help watershed partners understand and apply this technical information (see Outcomes).

Many impaired or nearly impaired streams are plagued by excessive sediment, often with related nutrient pollution problems and impacts on aquatic life. Targeted field surveys and analyses by DNR stream geomorphology experts help resource managers understand these problems holistically and identify solutions that address root causes. DNR field survey data provides baseline information for monitoring stream channel stability trends. It enables us to determine how much sediment in a stream or a specific reach is attributable to streambank erosion versus upland erosion.

Without these surveys and analyses, we might miss the mark on targeting primary sources of sediment in restoration and protection efforts. When implementers are ready to pursue a specific sediment reduction project, the same DNR survey data used to help prioritize and target primary sources is often used to design project-specific natural-channel features to restore key functions of a healthy, stable stream. (DNR project design and other technical assistance with implementation projects take place in our CWF Nonpoint Restoration and Protection program.)

DNR staff select where to do surveys in response to MPCA water quality investigations, the needs of local implementers, and other factors, such as ongoing efforts to develop and refine regional curves for stream geomorphology in Minnesota. Regional curves are necessary to extrapolate stream geomorphology data for subwatersheds not surveyed, to design natural-channel restorations, and to help quantify the benefits of restoration projects.

Watershed Health Assessment Framework (WHAF)

The web-based WHAF tool invites users to visualize and explore watershed health via several interactive components: a map; health scores; reports summarizing physical characteristics, ecological health, and historical climate trends; and a growing array of use cases and special modules on topics like land cover and lake health.

The map enables anyone with internet access to view extensive data at multiple watershed scales without using GIS. Users can also save and share customized map images. The health scores provide a baseline for following trends and comparing watersheds to identify similarities and differences. The WHAF map and health scores can be used at subwatershed scales to help local resource managers better understand complex ecological interactions that affect watershed health, identify vulnerabilities, and better target restoration and protection efforts. WHAF

PRIOR APPROPRIATIONS	
FY10-11	$2,100,000
FY12-13	$3,500,000
FY14-15	$3,700,000
FY16-17	$3,880,000
FY18-19	$3,772,000
FY20-21	$3,800,000
FY22-23	$3,800,000
FY24-25	$4,300,000
TOTAL APPROPRIATED TO DATE	**$28,852,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST
TBD	TBD	TBD

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

This program directly supports the following Council strategies:

- Surface Water Protection and Restoration Vision / Goal 2 / **Strategy**: Identify and refine strategies required to meet water quality standards in each HUC-8 watershed / **Strategy**: Prioritize waters for protection and restoration …
- Vision: All Minnesotans value water and take actions to sustain and protect it / Goal 1 / **Strategy**: Maintain and increase capacity of Minnesotans to improve water quality / **Action**: Engage water managers statewide.

The program also generally aligns with several other Council strategies related to surface water protection and restoration, groundwater, and drinking water, as surface water restoration and protection in some cases may benefit groundwater recharge and protect surface or groundwater sources of drinking water.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Over the past five years or so, staff hydrologists finished developing the Evaluation of Hydrologic Change (EHC) methodology, a rigorous scientific approach to assessing altered hydrology. They analyzed 150+ metrics of change for each of the 65 USGS streamflow gages in Minnesota that met certain criteria, including a continuous 30-year data record. For each of the 47 major watersheds that have one or more suitable gages, staff produced a technical report summarizing 20+ key indicators of hydrologic change.

The resulting EHC Technical Summaries (see link above to publication series) characterize and quantify the hydrologic changes that occurred and levels of concern about the potential impacts (as described in Rationale/Background). In the next biennium, we will focus on further interpreting and communicating this information to help water managers better understand and apply it. We will also explore the potential to mine the data to aid water storage implementation planning. Also, as the period of record lengthens at USGS and DNR streamflow gages throughout Minnesota, we will have the opportunity to conduct EHC assessments for more watersheds and potentially subwatersheds of interest to local managers.

Over the past decade staff geomorphology specialists have conducted over 500 stream geomorphology surveys and several intensive subwatershed stream stability and sediment source studies. The Wells Creek Sediment Reduction Strategies report, a major accomplishment in recent years, was based on one such study. In the next biennium, we anticipate accelerating the pace of sediment reduction strategy reports and the studies necessary to produce them. We will also organize survey data, analyses, and reports in a centralized database and make them available on a public web map. We anticipate adding 20 to 40 new surveys to the database each year.

In the past several years, staff began developing communication tools such as watershed posters to help convey key points from often complex and highly technical hydrology and geomorphology analyses. The posters include other relevant DNR data and information about the health of the watershed (much of it available in the WHAF tool). Together with the WHAF tool itself, this type of communication tool can help foster a more holistic understanding of watershed health which, in turn, may help local resource managers discuss high-priority watershed issues, concerns, and potential solutions with non-technical stakeholders and elected officials. In the next biennium, we anticipate accelerating this work.

Staff will continue to maintain, update, and enhance the WHAF tool. For example, they collaborate with MPCA to update the Stream Protection Priorities layer every year. Among other recent accomplishments is a robust “WHAF for Lakes” module, which brought in 2,500 users in a single month in FY23. A quarterly WHAF newsletter has nearly 5,000 subscribers. Staff will continue the newsletter and other outreach to engage water managers statewide.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

A portion of the stream geomorphology survey and analysis work in this program leverages a U.S. Fish and Wildlife Service grant to the DNR.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

n/a

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	6
FY12-13	11
FY14-15	17
FY16-17	19
FY18-19	16
FY20-21	15
FY22-23	13
FY24-25	~14
FY26-27	TBD

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FY26-27 CLEAN WATER FUND PROPOSAL

Aquifer Monitoring for Water Supply Planning

DNR	Program Number: 18
Program Contact Name: **Jason Moeckel**	Phone: **651-259-5240**
Contact E-mail Address: **jason.moeckel@state.mn.us**	
Person filling out form: **Jason Moeckel**	Phone: **651-259-5240**
Person filling out form e-mail address **Jason.moeckel@state.mn.us**	

Purpose

The DNR is developing and maintaining a statewide network of groundwater level observation wells. Work includes data collection and management, analysis, modeling, and work with stakeholders to ensure groundwater is managed sustainably, including small communities to develop water supply plans and developing Groundwater Restoration and Protection Strategies (GRAPS).

Webpage

Cooperative Groundwater Monitoring Program | Minnesota DNR (state.mn.us)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

The DNR manages Minnesota's observation well network to collect critical aquifer level data and flow dynamics needed to protect drinking water, water supplies, and natural resources that depend on groundwater. Includes analysis, modeling, and work with stakeholders to address sustainability management and planning. In Minnesota, growth in demand for water resources is outpacing population growth. As water use increases, planning for adequate water supply is crucial to preventing water shortages and protecting lakes, streams, and wetlands - especially sensitive groundwater dependent trout streams and calcareous fens.

Because groundwater is below the ground surface, we need long-term data collection from groundwater observation wells to understand trends in groundwater levels. We then relate the trend data to precipitation, land use changes, groundwater use, to evaluate if that use is sustainable over time. Long-term data sets are essential to understanding and properly managing this valuable resource.

The DNR's network of 1,254 groundwater level observation wells provides critical information on aquifer levels, flow, and surface water/groundwater interactions that is essential for protecting drinking water, water supplies and water resources that are fed by groundwater.

In addition to maintaining the observation well network, we work with state and local partners to cooperatively manage and share groundwater level data through a new cooperative groundwater monitoring website. We also do modeling, aquifer tests, and other technical analysis to better understand how aquifers are depleted and replenished in response to human use and climate. The DNR has recently been analyzing groundwater/surface water interactions and developing groundwater sustainability thresholds to ensure groundwater pumping does not negatively impact water resources that depend on groundwater.

PRIOR APPROPRIATIONS	
FY10-11	$1,100,000
FY12-13	$3,000,000
FY14-15	$2,750,000
FY16-17	$2,750,000
FY18-19	$2,750,000
FY20-21	$4,150,000
FY22-23	$3,700,000
FY24-25	$4,000,000
TOTAL APPROPRIATED TO DATE	**$24,200,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST
TBD	TBD	TBD

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

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Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Outcome: Sustainable water supply that meets the needs of current and future generations.

Outputs: Installing about 50 new monitoring wells annually. Maintaining high quality water level data for the entire network available through the DNR website. Completion of GRAPS in support One Watershed One Plan. Completion of groundwater models.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

These efforts are also supported by state general fund and the water management account.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	3.0
FY12-13	9.0
FY14-15	12.0
FY16-17	11.3
FY18-19	11.5
FY20-21	11.0
FY22-23	11.0
FY24-25	11.0
FY26-27	11.0

FY26-27 CLEAN WATER FUND PROPOSAL

Nonpoint Source Restoration and Implementation

DNR	Program Number: 34
Program Contact Name: **Barbara Weisman**	Phone: **651-259-5147**
Contact E-mail Address: **barbara.weisman@state.mn.us**	
Person filling out form: **Jason Moeckel**	Phone: **651-259-5240**
Person filling out form e-mail address **Jason.moeckel@state.mn.us**	

Purpose

The DNR supports local planning and implementation work for clean water. This includes four main activities: providing technical assistance with water quality implementation projects; contributing to Comprehensive Watershed Management Plans under the One Watershed, One Plan (1W1P) program; promoting higher water quality standards in local shoreland ordinances; and forest stewardship planning to protect water quality in at-risk watersheds.

Webpage

A DNR Clean Water Fund website is being developed to provide more information about DNR's technical assistance with implementation projects and links to information related to other activities described above. Meanwhile, the following sites provide additional information:

DNR Legacy Funded Projects: See "Protecting and restoring lakes, rivers, and groundwater" on this site for stories about some of the implementation projects DNR staff have assisted.

DNR's Innovative Shoreland Standards Showcase website describes the higher standards we promote to communities interested in going beyond state shoreland rules to better protect water quality. See also the Shoreland Higher Standards training video.

BWSR's forest land conservation website describes the main elements of DNR's role in forest stewardship planning to protect water quality: woodland stewardship plans for privately owned land (see also Private Forests, Pristine Waters) and Landscape Stewardship Plans including links to completed plans.

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Technical assistance with implementation projects:
DNR staff offer stream geomorphology survey data and results of completed projects to support systemic solutions to erosion problems in stream systems where most of the excess sediment is from streambanks or streambeds rather than upland or overland sources. DNR stream

geomorphology experts work with local partners to target, select, and find funding for streambank stabilization and stream restoration projects that not only meet water quality goals holistically but are also more durable in the long-term and provide a multitude of additional ecological benefits, by addressing the root causes of the erosion problem. DNR staff help design projects, oversee construction, and offer training to Technical Service Authority (TSA) engineers and local government technicians.

Contributing to Comprehensive Watershed Management Plans under 1W1P:
The DNR assigns one staff person to each 1W1P watershed-based planning area. This person consults with staff in multiple DNR disciplines (Ecological and Water Resources, Forestry, Fish and Wildlife, Park and Trails, Lands and Minerals) to offer DNR input that is coordinated, integrated, relevant, and useful. Typically, this includes information related to watershed hydrology, geomorphology, connectivity, and biology – key aspects of watershed health in which DNR staff have a great deal of expertise.

Higher water quality standards in local shoreland ordinances and related lake protection work:
Staff in DNR's Land Use unit and area hydrologists work with local governments to help them incorporate standards that go beyond state shoreland rules (last updated in 1989) to better protect water quality as communities face modern shoreland development pressures and climate change. A DNR website shares 13 fact sheets with 84 specific examples of higher standards in local shoreland ordinances from all across Minnesota. In related work, DNR Ecological and Water Resources staff annually update and distribute GIS data layers that MPCA and local governments use to help prioritize lake water quality protection work. (These data layers also factor into the DNR's Watershed Health Assessment Tool or WHAF.) Typically, well over 100 local government staff attend DNR trainings or presentations on higher shoreland standards and/or lake water quality prioritization data and methods every year.

Forest stewardship planning to protect water quality:

This program was developed in partnership with the Minnesota Forest Resources Council, BWSR, DNR Forestry, and DNR Fisheries. DNR contracts with SWCDs to write and help private landowners implement woodland stewardship plans to help protect water quality in high-priority waters in sensitive or at-risk subwatersheds identified in Comprehensive Watershed Management Plans for watersheds in forested regions of the state. Initially, this focused on lakes that support tullibee (cisco), an important cold-water fish eaten by walleye and other game fish. Healthy forests are a key to clean water, including conditions that support these sensitive species.

Forest stewardship plans create a relationship between the field forester and the landowner, and that relationship is often long-term. Often a landowner will immediately begin conducting activities in the plan such as tree planting, timber stand improvement, and shoreland stabilization. DNR utilizes CWF and/or other funding to cost-share those activities. Additionally, with the stewardship plan, the landowner becomes eligible to enroll the land in long-term protection programs including perpetual easements via the Reinvest in Minnesota (RIM) or Forest Legacy programs or 8-, 20- or 50-year covenants under the Sustainable Forest Incentives Act (SFIA). Clean Water Fund money for this activity has also supported the development of landscape-scale plans for five Upper Mississippi River Basin watersheds, with specific subwatershed goals and strategies that have been incorporated into Comprehensive Watershed

Management Plans. Landscape-level plans are now being developed for other watersheds with other funding. These plans help local forestry teams plan their landowner outreach based on highly targeted subwatershed-scale strategies and goals.

PRIOR APPROPRIATIONS	
FY10-11	$500,000
FY12-13	$2,400,000
FY14-15	$2,000,000
FY16-17	$2,000,000
FY18-19	$1,900,000
FY20-21	$2,000,000
FY22-23	$2,500,000
FY24-25	$3,200,000
TOTAL APPROPRIATED TO DATE	**$16,500,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST
TBD	TBD	TBD

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

This program supports the following strategies under the Clean Water Council's Strategic Plan.

- **Surface Water Protection and Restoration Vision**: Minnesotans will have fishable and swimmable waters throughout the state:
    - **Goal 2**: Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034 via by prioritizing and targeting resources by major watershed.
        - **Strategy**: Prioritize waters for protection and restoration using comprehensive watershed management plans (One Watershed One Plan or other approved plans) updated every ten years. (All actions in this strategy except the last.)
    - **Goal 3:** Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034 via through statewide, regional, or issue-specific programs that help meet water quality goals but are not necessarily prioritized and targeted according to geography
        - **Strategy**: Support competitive grants for protection and restoration activities.
- **Vision: All Minnesotans value water and take actions to sustain and protect it:** Minnesotans will have fishable and swimmable waters throughout the state:
    - **Goal 1:** Build capacity of local communities to protect and sustain water resources.
        - **Strategy**: Maintain and increase capacity of Minnesotans to improve water quality.
            - **Action**: Support local efforts to engage lakeshore property owners and private landowners.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Technical assistance with implementation projects:
DNR regional and field staff will continue providing technical assistance on 70 to 90 proposed, planned or actual implementation projects each year. These are mostly multi-year efforts to address erosion and excess sediment in impaired streams using Natural Channel Design principles and features to stabilize stream channels or more fully restore stream functions and add ecological benefits. As more such projects are implemented, we will have more and better project effectiveness monitoring data to measure water quality and ecological benefits. This data will be directly applied in designing future projects.

Contributing to Comprehensive Watershed Management Plans under 1W1P:
DNR regional and field staff will continue contributing to Comprehensive Watershed Management Plan development, updates, and implementation efforts. Plans are strengthened by multidisciplinary input, data, and information from DNR. Engaging in these planning efforts enhances later collaborations to implement high-priority projects identified in plans. Staff have developed poster-style handouts for 20-plus watersheds to synthesize and plainly communicate key takeaways from otherwise complex information on hydrology and geomorphology conditions and trends, and their potential impact on top local watershed management concerns. We anticipate developing more such watershed posters. Regional staff also anticipate developing more products like a recent DNR Wells Creek Sediment Strategies report which recommends strategies for highly targeted stream reaches where DNR surveys show excess sediment is mainly from streams. For each set of recommended strategies, the report includes expected sediment load reductions and scalable project cost estimates.

Higher water quality standards in local shoreland ordinances and related lake protection work:
DNR Land Use Unit staff will continue promoting the higher standards documented on the Innovative Shoreland Standards Showcase website via training events and technical assistance. DNR Lake Ecology Unit staff will also continue annually updating and distributing essential GIS layers used to help prioritize lake water quality protection efforts. We anticipate reaching well over 100 local government staff, lake association members and lakeshore property owners per year in trainings and presentations about these information resources and how to apply them.

Forest stewardship planning to protect water quality:
To date, DNR forestry staff have collaborated with BWSR and SWCDS to fund the development of at least 317 forest stewardship plans covering 37,687 acres of privately owned forest in targeted watersheds. More than 20,000 acres of this land was subsequently enrolled in SFIA. The program to date has also provided more than $200,000 in cost-share to help 70 landowners implement practices identified in their plans. Finally, the program has funded the development of five (5) landscape-level (watershed-scale) forest stewardship plans for watersheds in the Upper Mississippi River Basin—which, together with landscape-level plans for other watersheds in this basin, developed with other funding—will help protect St. Cloud and Twin Cities drinking water.

Keeping forested lands forested and enhancing their management protects water quality in at-risk subwatersheds. In FY24-25, the program will fund the development of landowner stewardship plans and provide plan implementation cost-share funding in four (4) southeastern Minnesota watersheds (Cannon, Root, Winona-LaCrescent, and Root), with a goal of reaching 1,100 highly acres in bluff lands targeted based on separately developed landscape-level forest stewardship plans for those watersheds. In future years, this work might continue here and/or in other forested regions depending on the capacity of SWCDs in a given year.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Technical assistance with implementation projects:
The projects we assist often involve funding from a variety of sources in addition to the Clean Water Fund, such as state bonding funds, the Outdoor Heritage Fund, US Fish & Wildlife Service funds, federal Farm Bill conservation programs, and the MPCA/EPA 319 Small Watersheds Program.

Forest stewardship planning to protect water quality:
DNR's forest stewardship planning program helps local forestry technical teams develop budgeting tools to leverage private, local, state and federal funds, such as US Forest Service Landscape-Scale Restoration Program funding to write landscape-level (watershed-scale) forest stewardship plans (additional to the five such plans developed with CWF money); state and federal funds for additional cost-share money to implement practices in forest stewardship plans; and state and federal funding for enrolling forestland in the long-term covenant and perpetual easement programs mentioned earlier.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

Of the $13.3 million appropriated from FY10 through FY23, 6% has been passed through, mostly for the forest stewardship planning activity (in contracts with SWCDs and cost-share to landowners to implement practices in those plans). In FY24-25, 100% of the $500,000 allocated for forest stewardship planning will be passed through in this way, and the same or nearly the same is anticipated in FY26-27.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	1.0
FY12-13	7.0
FY14-15	6.5
FY16-17	6.3
FY18-19	7.7
FY20-21	8.5
FY22-23	7.7
FY24-25	TBD
FY26-27	TBD

FY26-27 CLEAN WATER FUND PROPOSAL

Tool Development and Evaluation [formerly Applied Research and Tools)

DNR	Program Number: 57
Program Contact Name:	Phone:
Contact E-mail Address:	
Person filling out form: **Jason Moeckel**	Phone: **651-259-5240**
Person filling out form e-mail address **Jason.moeckel@state.mn.us**	

Purpose

The DNR maintains and provides access to LiDAR-derived elevation data that is widely used for targeting and designing implementation projects and for watershed modeling. We develop fine-scale watershed models that enhance our understanding of the effects of drainage, soil health, and different BMPs on water flow and water quality. We also assess relationships among disturbance patterns, BMP applications, and water quality in forested watersheds.

Webpage

https://www.mda.state.mn.us/environment-sustainability/pesticide-monitoring-increased-capacity-and-capability

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

LiDAR (Light Detection and Ranging) elevation data provides a fine-scale, detailed digital representation of the landscape. This extremely valuable dataset is used to identify and design implementation projects, reducing the need for field assessments and enhancing accuracy of the predicted effectiveness of those projects. LiDAR data is also used as a foundation for watershed models. Modeling at the watershed scale using LiDAR requires additional modification of the data to replicate how water flows across the land. (In its raw form, the LiDAR data does not accurately represent water flowing under high points like road crossings). Recent work has focused on how to automate this process so the data is available for use in models and other targeting tools.

• Watershed Modeling. DNR modeling experts are using a high resolution computer model that replicates water and sediment flow. This model is much more detailed than the larger scale watershed model used by the MPCA, which means that it takes a relatively big effort to model a relatively small area. These fine scale model results are more robust and they take subsurface drainage into account. These results can be used to reduce the uncertainty in the larger scale

models, improving the state's ability to predict the sources of pollution problems and the effectiveness of our implementation efforts.

• Forestry Best Management Practices. We monitor the implementation of forest management guidelines and BMPs at selected logging sites in Minnesota's forested watersheds, with a focus on potential impacts to water resources. We analyze data on BMP implementation along with watershed characteristics (slope, soils, etc.) and disturbance patterns (logging, blowdown, fire, etc.) to identify risks to water quality and strategies to reduce these risks. The final step is outreach to forest landowners, managers and loggers aimed at mitigating these risks and ensuring full implementation of water quality BMPs.

PRIOR APPROPRIATIONS	
FY10-11	$550,000
FY12-13	$790,000
FY14-15	$1,350,000
FY16-17	$1,350,000
FY18-19	$1,350,000
FY20-21	$1,400,000
FY22-23	$1,065,000
FY24-25	$1,300,000
TOTAL APPROPRIATED TO DATE	**$9,155,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

[Don't fill out the FY26-27 until you receive agency approval. We will update the form at that time.]

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

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Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Developed the standard for hydrologically modified digital dams to make LiDAR data useful in watershed modeling and for accurate travel time analysis.

Collection of 750,000 state funded breachlines associated with digital dams.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

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Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	2.0
FY12-13	2.3
FY14-15	2.3
FY16-17	2.3
FY18-19	2.3
FY20-21	2.3
FY22-23	2.3
FY24-25	2.3
FY26-27	

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FY26-27 CLEAN WATER FUND PROPOSAL

Buffer Map Maintenance

DNR	Program Number: 76
Program Contact Name: **Jenifer Sorensen**	Phone: **651-259-5725**
Contact E-mail Address: **jenifer.sorensen@state.mn.us**	
Person filling out form: **Jason Moeckel**	Phone: **651-259-5240**
Person filling out form e-mail address **Jason.moeckel@state.mn.us**	

Purpose

Develop, maintain and update a buffer protection map that identifies where 50 ft. (avg. width) buffers adjacent to public waters and 16.5 ft. buffers adjacent to public ditches as required in MS 103F.48.

Webpage

Buffer Mapping Project | Minnesota DNR (state.mn.us)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

The DNR's role in Minnesota's new buffer law is to produce maps of public waters and ditch systems that require permanent vegetation buffers. The DNR produced the initial buffer protection map in July 2016 and has produced 3 updates reflecting over 2,500 changes that resulted from over 4,000 comments from DNR staff, SWCDs and local governments.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	
FY16-17	$650,000
FY18-19	$200,000
FY20-21	$200,000
FY22-23	$50,000
FY24-25	$50,000
TOTAL APPROPRIATED TO DATE	**$1,150,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

[Don't fill out the FY26-27 until you receive agency approval. We will update the form at that time.]

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

The buffer protection map is part of a statewide program to protect and restore surface waters and aligns with Goal 3 under the Surface Water Protection and Restoration Vision in the Clean Water Council's 2024 – 2028 Strategic Plan.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

An updated buffer protection map identifying where buffers are required.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

General fund, Water Management Account and Water Recreation Account.

Supplement vs. supplant

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Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	
FY12-13	
FY14-15	

FY16-17	1.2
FY18-19	0.5
FY20-21	0.2
FY22-23	0.2
FY24-25	0.2
FY26-27	

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FY26-27 CLEAN WATER FUND PROPOSAL

County Geologic Atlas Part B (Groundwater)

DNR	Program Number: 59
Program Contact Name: Jason Moeckel	Phone: **651-259-5240**
Contact E-mail Address: jason.moeckel**@state.mn.us**	
Person filling out form: **Jason Moeckel**	Phone: **651-259-5240**
Person filling out form e-mail address **jason.moeckel@state.mn.us**	

Purpose

The DNR works with the Minnesota Geological Survey (MGS) to supplement completion and updates to County Geologic Atlases that convey critical groundwater and geology information to local governments.

Webpage

Groundwater Atlas Program | Minnesota DNR (state.mn.us)
https://www.mda.state.mn.us/environment-sustainability/pesticide-monitoring-increased-capacity-and-capability

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

County Geologic Atlases provide information about the region's geology and groundwater: location and depth of aquifers, direction of water flow, pollution sensitivity, connections to surface waters, and other characteristics like natural quality and age of groundwater. This information is essential for local planning and environmental protection efforts. Water supply planning, source water protection and well sealing programs are examples of local programs that need geologic and groundwater information. Other typical uses include providing information for permit applications, resource management, monitoring needs, and emergency response to contaminant releases.

The DNR works with the Minnesota Geological Survey (MGS) to develop County Geologic Atlases that convey geology and groundwater information and interpretations to government units at all levels, but particularly to local governments. The MGS focuses on geology (Part A reports) and DNR focuses on groundwater (Part B reports). Atlases are developed in response to requests by counties, who contribute money and data to the development of Part A reports.

Clean Water funding is used to improve the quality of County Geologic Atlases by collecting additional subsurface geologic samples, expanding the number of sites sampled for water chemistry, starting the process of installing a research well to collect stratified groundwater data from multiple aquifers, and purchasing and repairing equipment.

PRIOR APPROPRIATIONS	
FY10-11	$1,000,000
FY12-13	$0
FY14-15	$1,200,000
FY16-17	$500,000
FY18-19	$250,000
FY20-21	$300,000
FY22-23	$0
FY24-25	$200,000
TOTAL APPROPRIATED TO DATE	**$3,450,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

[Don't fill out the FY26-27 until you receive agency approval. We will update the form at that time.]

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

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Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Completing 2-4 atlases a year provides valuable information to local governments form implementation projects.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

LCCMR and General Fund.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous

funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

Funds are provided to the Minnesota Geological Survey at the University of Minnesota for contract drilling to enhance geologic information. Could you include a list of counties and their completion dates (and their funding source)? A corresponding map would be good too.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	
FY12-13	0.5
FY14-15	3.9
FY16-17	3.3
FY18-19	
FY20-21	
FY22-23	
FY24-25	
FY26-27	

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FY26-27 CLEAN WATER FUND PROPOSAL

Freshwater Mussel Restoration Pilot Program

DNR	Program Number: __
Program Contact Name: **Jason Moeckel**	Phone: **651-259-5240**
Contact E-mail Address: **Jason.moeckel@state.mn.us**	
Person filling out form: **Jason Moeckel**	Phone: **651-259-5240**
Person filling out form e-mail address **jason.moeckel@state.mn.us**	

Purpose

The DNR has developed the expertise to hatch and grow freshwater mussels and restore populations in Minnesota rivers. We propose to improve techniques and scale up production of native mussel species and place them into their natural habitats. Funding would support collection, rearing, distribution, monitoring costs, and identification of new species and locations for restoration.

Webpage

Minnesota DNR's Mussels webpage: https://www.dnr.state.mn.us/mussels/index.html

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Freshwater mussels play a key role in contributing to fishable and swimmable waters in Minnesota. They are nature's water filter, removing bacteria and excess nutrients. They also provide habitat and food resources for sportfish and other aquatic organisms. However, freshwater mussels have declined largely because of anthropogenic impacts such as historical overharvest, construction of dams and pollution from urban and agricultural runoff. Even after efforts to improve the condition and connectivity of Minnesota waters, many mussel species are no longer present in sufficient numbers to repopulate rivers and streams. This restoration program would alleviate this constraint by restoring mussels in sufficient numbers to become self-sustaining populations.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	
FY16-17	

FY18-19	
FY20-21	
FY22-23	
FY24-25	$600,000
TOTAL APPROPRIATED TO DATE	**$600,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST
TBD	TBD	TBD

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Surface Water Protection and Restoration Vision: Minnesotans will have fishable and swimmable waters throughout the state.

Goal 2: Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034 via by prioritizing and targeting resources by major watershed.

Strategy: Identify and refine strategies required to meet water quality standards in each HUC-8 watershed

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Expected outcomes for this proposal include restored populations of freshwater mussels, improved water quality and delisting of impaired waters. This restoration would affect 2-3 sites in each of the following: Cannon watershed and Cedar, Mississippi, and Minnesota rivers. To date, our current grant supported us moving into a new facility and building custom mussel propagation ponds, both of which will allow us to increase and improve our mussel propagation efforts. We also reintroduced a total of about 3,300 juvenile mussels representing four sensitive species into the Cedar (3 sites), Cannon (2 sites), Straight (1 site), and Mississippi (3 sites) rivers. Previously reintroduced juvenile mussels were found to be healthy and showing signs of reproduction, suggesting the mussels are moving toward self-sustaining populations.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

We expect future Clean Water Council requests to remain about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Yes. Our program is funded through a combination of federal and state grants. Federal grants typically include State Wildlife Grants and Competitive State Wildlife Grants; state funding typically includes Minnesota Environment and Natural Resources Trust Fund as recommended by the Legislative-Citizen Commission on Minnesota Resources (LCCMR). We hope that the Clean Water Fund can support about 30% of our annual budget with this proposal and into the future.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement.

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

Minnesota DNR's Center for Aquatic Mollusk Programs (2111 N. Lakeshore Dr., Lake City, MN) received $600,000 for fiscal years 2024 and 2025.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	
FY12-13	
FY14-15	
FY16-17	
FY18-19	
FY20-21	
FY22-23	
FY24-25	2.5
FY26-27	

FY26-27 CLEAN WATER FUND PROPOSAL

Water Storage

DNR	Program Number: __
Program Contact Name: Jason Moeckel	Phone: 651-259-5240
Contact E-mail Address: jason.moeckel@state.mn.us	
Person filling out form: Jason Moeckel	Phone:
Person filling out form e-mail address same	

Purpose

This proposal for $1.0 million will design and implement projects in Wildlife Management Areas (WMAs) or other state administered lands that increase water storage, while also stabilizing streambanks in impaired watersheds where Watershed Restoration and Protection Strategies (WRAPS) or One Watershed, One Plans (1W1Ps) have identified the need for water storage and water quality improvements. Initially, these funds would be used to design and construct water storage projects on state administered Wildlife Management Areas in Southern Minnesota. The foundation of the effort is comprehensive assessments of water pollution and supply problems within the state's 80 major watersheds and prioritized strategies to address these problems.

Webpage

NA at this time

Rationale/Background

The Minnesota DNR administers a large number of acres across 408 Wildlife Management Areas across southern Minnesota. There are about 813 miles of altered natural watercourses on these WMA's. Many of them are potential candidates for restoration efforts that enhance water storage, restore river functions, floodplain connectivity, improved water quality, fish and other aquatic species passage and greater resiliency to climate change. The DNR has identified pilot project sites to demonstrate these benefits, in watersheds where water storage was identified as a strategy to improve water quality.

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PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	
FY16-17	
FY18-19	
FY20-21	
FY22-23	

FY24-25	$1,000,000
TOTAL APPROPRIATED TO DATE	**$1,000,000**

+

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST
TBD	TBD	TBD

Alignment with Clean Water Council Strategic Plan

Goal 2: Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034 by prioritizing and targeting resources by major watershed.

Strategy: Identify and refine strategies required to meet water quality standards in each HUC-8 watershed.

Action: Quantify water storage needs and opportunities within each HUC 8 watershed.

- Measure: Acre feet storage goals are set for each watershed by 2026.
- Measure: Storage opportunities and hydrograph estimates are complete by 2028.

Outcomes

These pilot projects will enhance water storage, restore river functions and floodplain connectivity, improve water quality, fish and other aquatic species passage, and provide greater resiliency to climate change. Increased water storage can be estimated from computer modeling simulations and calculations of additional floodplain area on a project-by-project basis during the design stage.

Long-term funding vision

The DNR envisions continuing to explore and implement water storage projects of this nature, however as this is the first year of the pilot it's too early to know if future requests will increase or stay at a similar level. We are currently assessing our capacity to take on additional projects.

Non-CWF Funding

This program is leveraging other DNR funding sources for staff time and expertise, while relying on Clean Water Funds for much of the design and construction costs.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	
FY12-13	
FY14-15	
FY16-17	
FY18-19	
FY20-21	
FY22-23	
FY24-25	0
FY26-27	0

FY26-27 CLEAN WATER FUND PROPOSAL

Culvert Replacement Incentive Program

DNR	Program Number: __
Program Contact Name: **Jason Moeckel**	Phone: **651-259-5240**
Contact E-mail Address: **jason.moeckel@state.mn.us**	
Person filling out form: **Jason Moeckel**	Phone: **651-259-5240**
Person filling out form e-mail address **jason.moeckel@state.mn.us**	

Purpose

The DNR is proposing to continue using Clean Water Funds to accelerate the adoption of improved culvert designs by local governments. This cost-share grant program provides up to 25% cost share and technical assistance on projects that apply natural channel and floodplain design principles, which improve biological connectivity, channel stability, reduce flooding and lower long-term maintenance costs.

Webpage

The Geomorphic Approach | Minnesota DNR (state.mn.us) https://bwsr.state.mn.us/node/8926

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Replacing culverts that are not functioning properly with the preferred geomorphic design will restore biological communities by allowing greater fish and wildlife passage, improve water quality by stabilizing streambanks, and by allowing water to access the floodplain, which facilitates nutrient removal.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	
FY16-17	
FY18-19	
FY20-21	
FY22-23	
FY24-25	$2,000,000
TOTAL APPROPRIATED TO DATE	**$2,000,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST
tbd	tbd	tbd

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

This program supports the following strategies under the Clean Water Council's Strategic Plan.

- **Goal:** Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034 via through statewide, regional, or issue-specific programs that help meet water quality goals but are not necessarily prioritized and targeted according to geography.
    - **Strategy:** Support competitive grants for protection and restoration activities
        - **Action:** Invest in activities that accelerate improvements in water quality through new approaches.
- **Goal:** Build capacity of local communities to protect and sustain water resources.
    - **Strategy:** Maintain and increase capacity of Minnesotans to improve water quality.
        - **Action:** Engage water managers statewide.
            - Measure: SWCDs, WDs, WMOs, drainage authorities, highway departments, municipalities, and counties have the skills necessary to carry out programs to meet water quality goals.
        - **Action:** Support innovative efforts that accelerate progress toward clean water goals.

The Culvert Replacement Incentive Program aims to encourage local governments to adopt improved culvert designs by providing financial incentives in the form of a 25% cost-share. This design approach provides an opportunity to provide additional benefits of climate resiliency in the design of a replacement culvert system. The ultimate objective is to encourage local governments to make this design approach a standard practice wherever appropriate. The program aims to achieve this by building capacity through technical support and financial incentives.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

The grant program was formally announced on November 9th, 2023. Since then, the DNR has reviewed 16 potential projects. Four projects have been approved, three did not meet the criteria, and 9 are under consideration. Based on the available funds and cost of projects we anticipate between 8 to 12 projects will be supported each year.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

The number of applications we've received suggests very strong interest from local governments. At this time, we anticipate future requests will either stay the same or increase.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

- This grant program requires at least a 75% match of funds from the local partner.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

The following local partners will receive estimated grant amount based on Opinion of Probably Cost (OPC). Actual reimbursements are based on the construction bid cost.

Community	Project	Total Cost (OPC)	Grant Reimbursement
Lincoln County	Yellow Medicine River and CR 8	$565,388.00	$141,347
Olmsted County	Cascade River and CSAH3	$742,000	$185,500
Wright County	Tributary to Crow River and Hoyt Ave	$302,284	$75,571
Dakota County	Dry Run and 205th	$236,000	$59,000
TOTAL			$461,418

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	
FY12-13	
FY14-15	
FY16-17	
FY18-19	
FY20-21	
FY22-23	
FY24-25	2
FY26-27	~2.5

FY26-27 CLEAN WATER FUND PROPOSAL

Grants to Watersheds with Approved Comprehensive Watershed Plans (Watershed-based Implementation Funding)

BWSR	Program Number: 17
Program Contact Name **Annie Felix-Gerth**	Phone **651-238-0677**
Contact E-mail Address: **annie.felix-gerth@state.mn.us**	
Person filling out form: Annie Felix-Gerth	Phone:
Person filling out form e-mail address	

Purpose

Provides non-competitive funding to local government partnerships to implement prioritized and targeted activities identified in plans that will yield the highest return on investment for cleaner water.

Webpage

Watershed Based Implementation Funding Grant Program | MN Board of Water, Soil Resources

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

This is a non-competitive, performance-based grants program for local government units to implement projects on a watershed scale that protect, enhance, and restore surface water quality in lakes, rivers, and streams, protect groundwater from degradation, and protect drinking water sources. Projects must be identified in a water or comprehensive watershed plan developed by local governments and approved by the Board of Water and Soil Resources. This may include those under the One Watershed, One Plan or under the Metropolitan Surface Water Management frameworks and county groundwater plans.

PRIOR APPROPRIATIONS	
FY10-11	$0
FY12-13	$0
FY14-15	$0
FY16-17	$0
FY18-19	$9,750,000
FY20-21	$26,966,000
FY22-23	$43,564,000
FY24-25	$79,000,000
TOTAL APPROPRIATED TO DATE	**$159,280,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST
		increase

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Groundwater Vision: Groundwater is clean and available to all in Minnesota.

Goal 1: Protect groundwater from degradation and support effective measures to restore degraded groundwater

- Strategy: Develop and carry out strategies that will protect and restore groundwater statewide.

Goal 2: Ensure groundwater use is sustainable and avoid adverse impacts to surface water features due to groundwater use.

- Strategy: Develop a cumulative impact assessment and support planning efforts to achieve a sustainability standard for groundwater.
- Strategy: Develop and carry out strategies that promote sustainability of groundwater use

Drinking Water Source Protection Vision: Drinking water is safe for everyone, everywhere in Minnesota.

Goal 1: Public Water Systems

- Strategy: Support the Ground Water Protection Rule (GPR).
- Strategy: Support prevention efforts to protect groundwater in DWSMAs.

Goal 2: Private Water Supply Wells—Ensure that private well users have safe, sufficient, and equitable access to drinking water.

- Strategy: Support selected mitigation activities for private well users.

Surface Water Protection and Restoration Vision: Minnesotans will have fishable and swimmable waters throughout the state.

Goal 2: Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034ii via by prioritizing and targeting resources by major watershed.

- Strategy: Prioritize waters for protection and restoration using comprehensive watershed management plans (One Watershed One Plan or other approved plans)iii updated every ten years.

Vision: All Minnesotans value water and take actions to sustain and protect it.

Goal 1: Build capacity of local communities to protect and sustain water resources.

- Strategy: Maintain and increase capacity of Minnesotans to improve water quality.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Implementation of high priority action items identified in Comprehensive Watershed Management Plans.

See attached WBIF Outcomes Summary (2018-2024)

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Increase

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

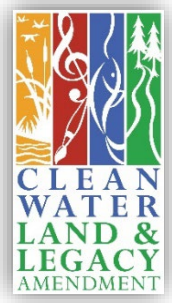
Please see attached "WBIF Funding Summary (2018-2024)."

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	
FY12-13	
FY14-15	
FY16-17	
FY18-19	4.4
FY20-21	5.4
FY22-23	8
FY24-25	4.2 (To date, not final)

FY26-27	NA



BOARD OF WATER AND SOIL RESOURCES

Watershed Based Implementation Funding Grants
Funds Granted, March 2024

Non-Metro

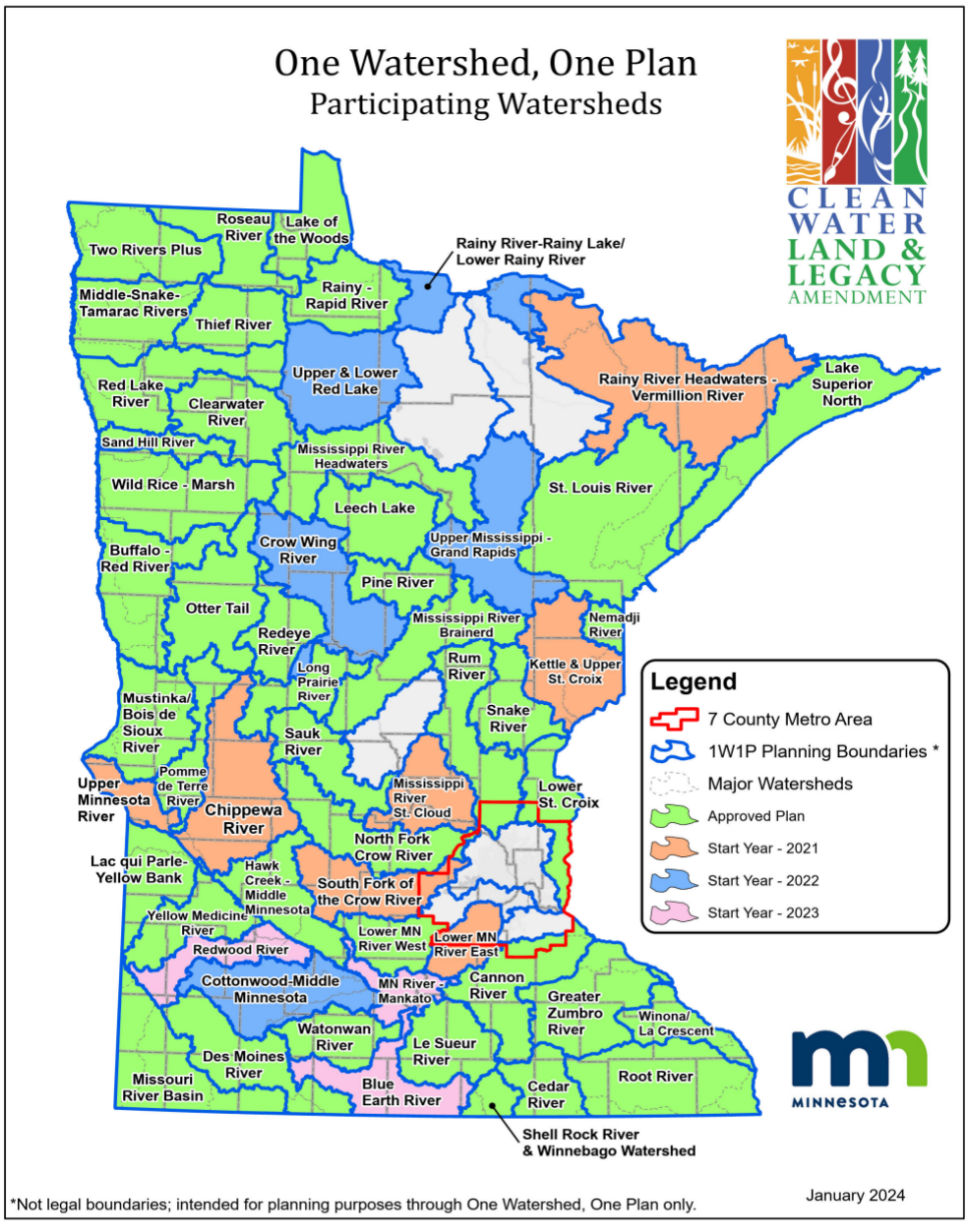
For more informaiton:
Annie Felix-Gerth
annie.felix-gerth@state.mn.us
651-238-0677

**Grants are to partnerships with approved comprehensive watershed management plans developed under the One Watershed, One Plan program. See reverse side for a map of watershed areas.*

Watershed/Partnership	FY 18-19	FY 20-21	FY 22-23	FY 24-25	Total
Red River of the North					
Bois de Sioux / Mustinka		$ 1,064,522	$ 1,064,522		$ 2,129,044
Buffalo-Red River		$ 1,296,838	$ 1,296,838	$1,906,278	$ 4,499,954
Clearwater River			$ 974,726		$ 974,726
Middle-Snake-Tamarac Rivers			$ 1,530,682		$ 1,530,682
Otter Tail			$ 1,660,617		$ 1,660,617
Red Lake River	$ 677,551	$ 1,071,149	$ 1,528,658	$1,700,439	$ 4,977,797
Roseau River			$ 752,928		$ 752,928
Thief River		$ 529,892	$ 529,892		$ 1,059,784
Two Rivers Plus			$ 1,117,273	$1,662,685	$ 2,779,958
Wild Rice - Marsh River		$ 1,371,259	$ 1,371,259		$ 2,742,518
Rainy River					
Lake of the Woods		$ 621,173	$ 621,173	$621,173	$ 1,863,519
Rainy - Rapid River				$520,667	$ 520,667
Lake Superior					
Lake Superior North	$ 387,059	$ 599,767	$ 599,767		$ 1,586,593
Nemadji		$ 250,000	$ 250,000		$ 500,000
St. Louis River				$2,228,654	$ 2,228,654
St. Croix River					
Lower St. Croix River (non-metro)		$ 471,070	$ 471,070		$ 942,140
Snake River				$1,024,471	$ 1,024,471
Upper Mississippi River					
Leech Lake River		$ 598,115	$ 675,115		$ 1,273,230
Long Prairie River			$ 714,854		$ 714,854
Mississippi River Headwaters			$ 861,581		$ 861,581
North Fork Crow River	$ 642,377	$ 1,120,477	$ 1,120,477	$1,518,486	$ 4,401,817
Pine River		$ 482,000	$ 604,421	$634,381	$ 1,720,802
Redeye River		$ 706,488	$ 706,488		$ 1,412,976
Rum River (non-metro)			$ 1,280,048		$ 1,280,048
Sauk River			$ 832,550		$ 832,550
Minnesota River					
Central MN River Watershed Paternship (Hawk Creek MM)			$ 942,433	$1,504,444	$ 2,446,877
Lac qui Parle-Yellow Bank			$ 623,429		$ 623,429
Le Sueur River				$1,355,872	$ 1,355,872
Lower Minnesota River West			$ 596,617		$ 596,617
Pomme de Terre River		$ 717,428	$ 955,939		$ 1,673,367
Watonwan River		$ 700,477		$1,136,479	$ 1,836,956
Yellow Medicine River	$ 551,712	$ 814,603	$ 814,603		$ 2,180,918

Watershed/Partnership	FY 18-19	FY 20-21	FY 22-23	FY 24-25	Total
Missouri River Basin/Des Moines River					
Des Moines River			$ 1,414,031		$ 1,414,031
Missouri River Basin		$ 1,320,445	$ 1,908,031	$2,096,184	$ 5,324,660
Lower Mississippi River and Cedar River					
Cannon River (non-metro)		$ 1,028,658	$ 1,328,658		$ 2,357,316
Cedar - Wapsipinicon River		$ 593,987	$ 593,987		$ 1,187,974
Greater Zumbro River			$ 1,216,243	$1,897,768	$ 3,114,011
Root River	$ 851,301	$ 1,469,595	$ 1,469,595		$ 3,790,491
Shell Rock River/Winnebago Watershed			$ 322,128		$ 322,128
Winona La Crescent			$ 577,696		$ 577,696
Totals	**$ 3,110,000**	**$ 16,827,943**	**$ 33,328,329**	**$ 19,807,981**	**$ 73,074,253**

Shading indicates that the amount includes increases relative to board order 21-49 associated with re-allocation of funds remaining after the FY22-23 deadline to claim funds (some groups for whom funding was allocated did not have an approved plan or work plan before the biennial funding period ended). BWSR is in the procces of re-distributing $7.77M from FY22-23 to 23 partnerships that requested additonal funds.



BOARD OF WATER AND SOIL RESOURCES

Metro

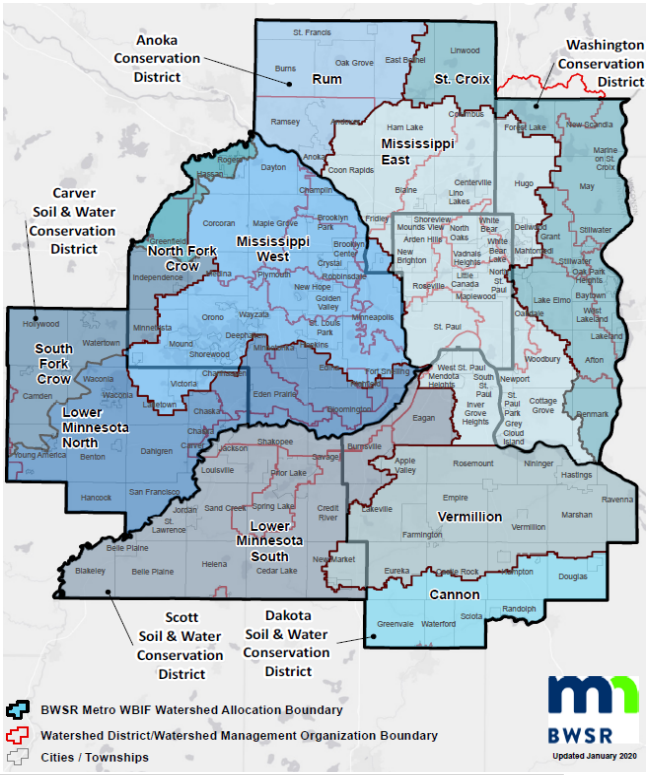
Watershed Based Implementation Funding Grants

For more informaiton:
Annie Felix-Gerth
annie.felix-gerth@state.mn.us
651-238-0677

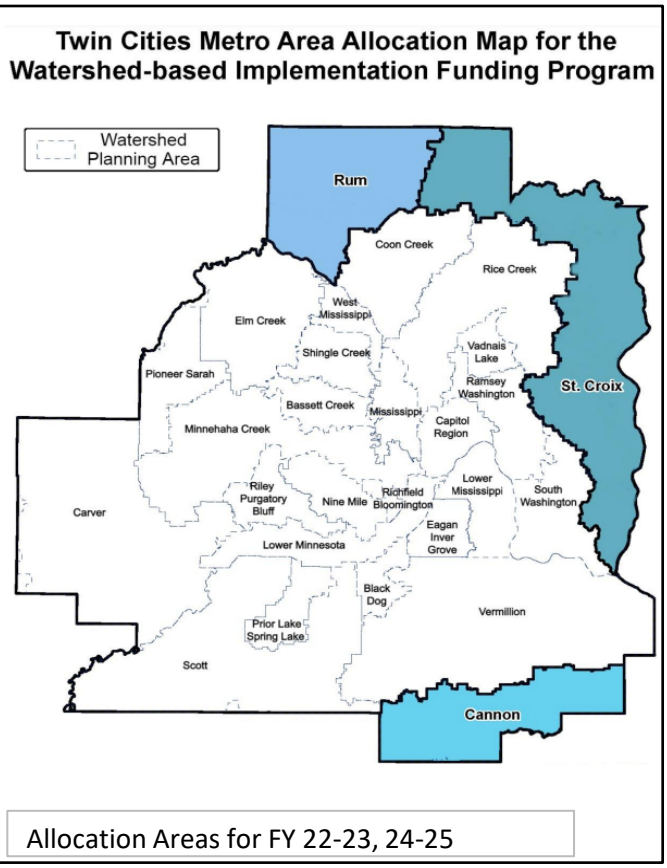
Funds Allocated by Board Orders 17-96, 19-54, 21-49, and 23-55.
Allocation geography varied by biennia. See reverse side for maps of allocation areas.

Allocation Area	FY 18-19	FY 20-21	FY 22-23	FY 24-25	Total
Anoka County	$ 826,000				$ 826,000
Carver County	$ 749,200				$ 749,200
Dakota County	$ 1,018,000				$ 1,018,000
Hennepin County	$ 1,018,000				$ 1,018,000
Ramsey County	$ 442,000				$ 442,000
Scott County	$ 749,200				$ 749,200
Washington County	$ 787,600				$ 787,600
Mississippi East		$1,085,485			$ 1,085,485
Mississippi West		$874,153			$ 874,153
Rum River		$366,982			$ 366,982
Lower St. Croix River		$793,461			$ 793,461
Cannon River		$305,293			$ 305,293
Lower Minnesota North		$673,699			$ 673,699
Lower Minnesota South		$829,075			$ 829,075
Vermillion		$650,684			$ 650,684
North Fork Crow River		$91,105			$ 91,105
South Fork Crow River		$330,063			$ 330,063
Bassett Creek WPA			$87,887	$ 183,256	$ 271,143
Black Dog WPA			$75,000	$ 151,542	$ 226,542
Cannon River (Metro)			$304,886	$ 395,361	$ 700,247
Capitol Region WPA			$77,618	$ 176,241	$ 253,859
Carver County WPA			$691,991	$ 721,325	$ 1,413,316
Coon Creek WPA			$216,377	$ 294,100	$ 510,477
Eagan-Inver Grove WPA			$75,000	$ 162,370	$ 237,370
Elm Creek WPA			$297,774	$ 373,590	$ 671,364
Lower Minnesota River WPA			$127,068	$ 217,485	$ 344,553
Lower Mississippi River WPA			$118,385	$ 208,410	$ 326,795
Lower St. Croix River (Metro)			$807,509	$ 1,266,380	$ 2,073,889
Minnehaha Creek WPA			$418,140	$ 424,534	$ 842,674
Mississippi WPA			$75,504	$ 176,951	$ 252,455
Nine Mile Creek WPA			$101,582	$ 195,026	$ 296,608
Pioneer-Sarah Creek WPA			$159,223	$ 240,415	$ 399,638
Prior Lake-Spring WPA			$82,806	$ 169,935	$ 252,741
Ramsey-Washington Metro WPA			$140,295	$ 230,182	$ 370,477
Rice Creek WPA			$407,796	$ 448,016	$ 855,812
Richfield-Bloomington WPA			$75,000	$ 114,644	$ 189,644
Riley-Purgatory-Bluff Creek WPA			$104,576	$ 197,194	$ 301,770

Allocation Area	FY 18-19	FY 20-21	FY 22-23	FY 24-25	Total
Rum River (Metro)			$371,157	$ 569,378	$ 940,535
Scott County WPA			$601,647	$ 646,054	$ 1,247,701
Shingle Creek WPA			$95,501	$ 191,662	$ 287,163
South Washington WPA			$163,947	$ 228,539	$ 392,486
Vadnais Lake Area WPA			$75,000	$ 147,921	$ 222,921
Vermillion River WPA			$673,331	$ 717,191	$ 1,390,522
West Mississippi WPA			$75,000	$ 152,299	$ 227,299
Totals	**$ 5,590,000**	**$ 6,000,000**	**$ 6,500,000**	**$ 9,000,000**	**$ 27,090,000**



Allocation Areas for FY 20-21



Allocation Areas for FY 22-23, 24-25

BOARD OF WATER AND SOIL RESOURCES

Watershed Based Implementation Funding Grants

Outcomes reported to eLINK, BWSR's grants management system.
Closed and open grants, 2018 - March, 2024
See footnote for more information about column headings.

For more information:
Annie Felix-Gerth
annie.felix-gerth@state.mn.us
651-238-0677

Watershed/Partnership	Nitrogen (lbs/y)	Phosphorus (lbs/year)	Sediment (tons/year)	Wells sealed (#)	Forestry (ac.)	Cover crops (ac.)	Structural BMPs (#)
Red River of the North							
Bois de Sioux / Mustinka	1,530	881	1,623	2	450	2,009	81
Buffalo-Red River		1,186	1,760		472	609	31
Clearwater River	594	162	376			205	45
Middle-Snake-Tamarac Rivers			145	8			83
Otter Tail		57	136	4		83	7
Red Lake River		808	2,325				139
Roseau River		14	9				1
Thief River		4	1,219				15
Two Rivers Plus	1,884	234	348		566	2,921	1
Wild Rice - Marsh River		5,676	2,382			412	103
Basin Total	**4,008**	**9,023**	**10,323**	**14**	**1,488**	**6,239**	**506**
Rainy River							
Lake of the Woods	1,443	603	458			370	14
Rainy - Rapid River							
Lake Superior							
Lake Superior North	77	38	5,816				5
Nemadji	26	26				170	2
St. Louis River							
Basin Total	**103**	**64**	**5,816**	**-**	**-**	**170**	**7**
St. Croix River							
Lower St. Croix R (non-metro & metro)		2,090	859	37		1,449	63
Snake River							
Upper Mississippi River							
Leech Lake River	20	533	4,296		5,484	518	9
Long Prairie River	586	27	219	1			1
Mississippi River Headwaters		14	14		1,862	60	2
North Fork Crow River	7,862	3,984	5,548	11		2,049	160
Pine River		26	25		945		1
Redeye River	577	44	39	1	2,051		1
Rum River (non-metro)	256	98	63			171	18
Sauk River	40	95	103				3
Basin Total	**9,340**	**4,820**	**10,307**	**13**	**10,342**	**2,798**	**195**

Watershed/Partnership	Nitrogen (lbs/y)	Phosphorus (lbs/year)	Sediment (tons/year)	Wells sealed (#)	Forestry (ac.)	Cover crops (ac.)	Structural BMPs (#)
Minnesota River							
Central MN R W'shed (Hawk Creek)	205	50	26				5
Lac qui Parle-Yellow Bank	1,658	84	439				2
Le Sueur River							
Lower Minnesota River West	267	193	58			2,172	7
Pomme de Terre River		343	489			104	31
Watonwan River	8,055	444	670	16		563	19
Yellow Medicine River	5,823	1,132	745			2,615	215
Basin Total	**16,008**	**2,248**	**2,426**	**16**	**-**	**5,453**	**279**
Missouri River Basin/Des Moines River							
Des Moines River	11,334	565	2,980			1,091	6
Missouri River Basin	20,159	966	2,102			2,243	210
Basin Total	**31,493**	**1,531**	**5,082**	**-**	**-**	**3,334**	**216**
Lower Mississippi River and Cedar River							
Cannon River (non-metro)	422	1,130	2,515			1,352	70
Cedar - Wapsipinicon River	58	2,180	1,272	16		1,590	23
Greater Zumbro River	4,699	1,286	1,029	10		652	57
Root River	3,788	7,444	7,321	4		1,220	296
Shell Rock River/Winnebago W'shed	6,322	3,119	1,633	4		485	
Winona La Crescent							
Basin Total	**15,288**	**15,159**	**13,770**	**34**	**-**	**5,298**	**446**
Metro*							
Metro* Total	2,065	4,510	7,465	77		1,905	211
Totals	**79,749**	**40,048**	**56,506**	**191**	**11,830**	**27,016**	**1,937**

Nitrogen, phosphorus, and sediment (total suspended solids) *reductions are from all reported practices, including cover crops, structural BMPs, and other practices (e.g., street sweeping).*

Cover crops *includes nonstructural practices such as critical area plantings, filter strips, residue and tillage management, nutrient management, and pasture management.*

Structural Best Management Practices *includes agricultural and urban stormwater management practices including sediment basins, grade control structures, raingardens, grassed waterways, wetland restoration, stream and shoreline stabilization, septic system improvement, and more.*

Forestry *is forest management on private lands, mainly forest stewardship planning and some tree and shrub planting. Most acres with forest stewardship plans are enrolled in long-term land protection programs.*

****Metro values*** *exclude the Lower St. Croix watershed; they inclue the metro portions of the Cannon and Rum rivers (see map on funding handout).*

FY26-27 CLEAN WATER FUND PROPOSAL

Surface & Drinking Water Protection/Restoration Grants

(Projects & Practices Competitive Grants)

BWSR	Program Number: 26
Program Contact Name **Annie Felix-Gerth**	Phone **651-238-0677**
Contact E-mail Address: **annie.felix-gerth@state.mn.us**	
Person filling out form: Annie Felix-Gerth	Phone:
Person filling out form e-mail address	

Purpose

Increase implementation of voluntary conservation across MN

Webpage

Grant Profile: Projects and Practices | MN Board of Water, Soil Resources (state.mn.us)

Clean Water Fund Grant Recipients | MN Board of Water, Soil Resources (state.mn.us)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

This is a competitive grant program and incentive funding to protect, enhance and restore water quality in lakes, rivers and streams and to protect groundwater and drinking water by implementing priority actions in local water management plans. Up to 20% of funds dedicated to drinking water protection activities.

PRIOR APPROPRIATIONS	
FY10-11	$6,000,000
FY12-13	$29,100,000
FY14-15	$21,400,000
FY16-17	$20,380,000
FY18-19	$19,500,000
FY20-21	$32,000,000
FY22-23	$22,266,000
FY24-25	$17,000,000
TOTAL APPROPRIATED TO DATE	**$167,646,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST
		Same

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Groundwater Vision: Groundwater is clean and available to all in Minnesota.

Goal 1: Protect groundwater from degradation and support effective measures to restore degraded groundwater.

- Strategy: Develop and carry out strategies that will protect and restore groundwater statewide.

Goal 2: Ensure groundwater use is sustainable and avoid adverse impacts to surface water features due to groundwater use.

- Strategy: Develop and carry out strategies that promote sustainability of groundwater use

Drinking Water Source Protection Vision: Drinking water is safe for everyone, everywhere in Minnesota.

Goal 1: Public Water Systems

- Strategy: Support the Ground Water Protection Rule (GPR).
- Strategy: Support prevention efforts to protect groundwater in DWSMAs.

Goal 2: Private Water Supply Wells—Ensure that private well users have safe, sufficient, and equitable access to drinking water.

- Strategy: Support selected mitigation activities for private well users.

Surface Water Protection and Restoration Vision: Minnesotans will have fishable and swimmable waters throughout the state.

Goal 2: Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034ii via by prioritizing and targeting resources by major watershed.

- Strategy: Prioritize waters for protection and restoration using comprehensive watershed management plans (One Watershed One Plan or other approved plans)iii updated every ten years.

Vision: All Minnesotans value water and take actions to sustain and protect it.

Goal 1: Build capacity of local communities to protect and sustain water resources.

- Strategy: Maintain and increase capacity of Minnesotans to improve water quality.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Implementation of high priority conservation and urban best management practices

BWSR has summarized the nitrogen, phosphorus, and sediment reductions for projects completed between 2014-2023 on slides in presentation.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Same

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

Click the link for a list of awards made in FY24-25

Clean Water Fund Grant Recipients | MN Board of Water, Soil Resources (state.mn.us)

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	3.9
FY12-13	6.5
FY14-15	8.0

FY16-17	7.9
FY18-19	3.7
FY20-21	11.2
FY22-23	9
FY24-25	15
FY26-27	NA

FY26-27 CLEAN WATER FUND PROPOSAL

Accelerated Implementation	
BWSR	Program Number: 18
Program Contact Name **Annie Felix-Gerth**	Phone **651-238-0677**
Contact E-mail Address: **annie.felix-gerth@state.mn.us**	
Person filling out form: **Annie Felix-Gerth**	Phone: **651-238-0677**
Person filling out form e-mail address **annie.felix-gerth@state.mn.us**	

Purpose

Enhance the capacity of local governments to accelerate implementation of projects and activities that supplement or exceed current state standards for protection, enhancement, and restoration of water quality in lakes, rivers, streams, and groundwater.

Webpage

Grant Profile: Technical Training Acceleration | MN Board of Water, Soil Resources

Technical Service Areas (TSAs) | MN Board of Water, Soil Resources (state.mn.us)

Water Quality Tools and Models | MN Board of Water, Soil Resources (state.mn.us)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

1) Increases technical assistance through regional technical service areas (TSAs)

2) provides technical training and certification to local conservation partners

3) develop inventories of potential restoration or protection sites

4) developing and using analytical targeting tools like PTMApp that fill an identified gap.

PRIOR APPROPRIATIONS	
FY10-11	$0
FY12-13	6,600,000
FY14-15	8,000,000
FY16-17	12,000,000
FY18-19	7,600,000
FY20-21	8,000,000
FY22-23	9,682,000
FY24-25	$11,000,000

TOTAL APPROPRIATED TO DATE	**$62,882,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST
		Increase

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Groundwater Vision: Groundwater is clean and available to all in Minnesota.

Goal 1: Protect groundwater from degradation and support effective measures to restore degraded groundwater.

- Strategy: Develop and carry out strategies that will protect and restore groundwater statewide.

Goal 2: Ensure groundwater use is sustainable and avoid adverse impacts to surface water features due to groundwater use.

- Strategy: Develop and carry out strategies that promote sustainability of groundwater use

Drinking Water Source Protection Vision: Drinking water is safe for everyone, everywhere in Minnesota.

Goal 1: Public Water Systems

- Strategy: Support the Ground Water Protection Rule (GPR).
- Strategy: Support prevention efforts to protect groundwater in DWSMAs.

Goal 2: Private Water Supply Wells—Ensure that private well users have safe, sufficient, and equitable access to drinking water.

- Strategy: Support selected mitigation activities for private well users.

Surface Water Protection and Restoration Vision: Minnesotans will have fishable and swimmable waters throughout the state.

Goal 2: Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034ii via by prioritizing and targeting resources by major watershed.

- Strategy: Prioritize waters for protection and restoration using comprehensive watershed management plans (One Watershed One Plan or other approved plans)iii updated every ten years.

Vision: All Minnesotans value water and take actions to sustain and protect it.

Goal 1: Build capacity of local communities to protect and sustain water resources.

- Strategy: Maintain and increase capacity of Minnesotans to improve water quality.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Increased capacity of local governments

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Increase

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

The Accelerated Implementation Grants were offered from 2012-2017. See awards links below.

Web Version FY2012 Accelerated Implementation Grant Recommendations.pdf (state.mn.us)

FY CWF 2013 AIG Awardees.pdf (state.mn.us)

FY2014_AIG.pdf (state.mn.us)

AIG_FY2015.pdf (state.mn.us)

AIG_BOARD(1).pdf (state.mn.us)

2017 Accelerated Implementation Recommendations.pdf (state.mn.us)

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	0.0

FY12-13	0.90
FY14-15	2.50
FY16-17	4.60
FY18-19	7.40
FY20-21	3.00
FY22-23	7.4
FY24-25	3.9 (to date, not final)
FY26-27	NA

FY26-27 CLEAN WATER FUND PROPOSAL

Measures, Results and Accountability

BWSR	Program Number: 28
Program Contact Name **Marcey Westrick**	Phone **651-284-4153**
Contact E-mail Address: **marcey.westrick@state.mn.us**	
Person filling out form: **Marcey Westrick**	Phone: **651-284-4153**
Person filling out form e-mail address **marcey.westrick@state.mn.us**	

Purpose

To provide state oversight and accountability, evaluate and communicate results, support program and outcomes development, provide reporting tools, and measure conservation program implementation of local governments support programs and measure the value of conservation program implementation by local governments, including submission to the legislature a report from the board.

Webpage https://bwsr.state.mn.us/cwf_programs

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Provide state oversight and accountability for grants to local government, support program and outcomes reporting, evaluate results and measure the value of conservation program and project implementation by local governments.

On average, BWSR processes approximately 245 Clean Water Fund grants annually across the state. As part of this grant oversight, BWSR must report all proposed and final outcomes along with other reporting requirements to the Legacy Website (https://www.legacy.mn.gov/clean-water-fund). Grant reporting is conducted through BWSR's grant management system, eLINK https://bwsr.state.mn.us/elink.

PRIOR APPROPRIATIONS	
FY10-11	$590,000
FY12-13	$2,100,000
FY14-15	$1,900,000
FY16-17	$1,900,000
FY18-19	$1,900,000
FY20-21	$2,000,000
FY22-23	$2,500,000
FY24-25	$2,500,000
TOTAL APPROPRIATED TO DATE	**$15,390,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST
		Same

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Strategy: Maintain and increase capacity of Minnesotans to improve water quality.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Legislative reports and public communications. Oversight and accountability of grant and easement programs.

BWSR staff produce a Biennial Clean Water Fund Report to the Legislature, assist in the development of the Clean Water Fund Performance Report and create stories and videos highlighting projects to restore and protect lakes, rivers, wetlands and drinking water sources. In addition, BWSR staff provide oversight for Clean Water Fund grants administered by the agency. Grants Administration Manual | MN Board of Water, Soil Resources (state.mn.us)

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	0.1
FY12-13	4.1
FY14-15	4.1
FY16-17	5.1
FY18-19	9.8
FY20-21	9.8
FY22-23	8.2
FY24-25	5.7
FY26-27	NA

FY26-27 CLEAN WATER FUND PROPOSAL

Buffer Law Implementation

BWSR	Program Number: 24
Program Contact Name: **Tom Gile**	Phone: **507-206-2894**
Contact E-mail Address: **tom.gile@state.mn.us**	
Person filling out form: **Marcey Westrick**	Phone: **651-284-4153**
Person filling out form e-mail address **Marcey.westrick@state.mn.us**	

Purpose

Provides program oversight and grants to support local governments in their implementation of the statewide buffer law.

Webpage

Grant Profile: Buffer Law Implementation | MN Board of Water, Soil Resources (state.mn.us)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Funds are made available on a non-competitive, formula-based basis to SWCDs to support their local implementation of the buffer law.

There are approximately 500,000 or so parcels subject to the buffer law and in any given month there will be buffers out of compliance for one reason or another. This program is designed to support the SWCD role in providing landowners with technical assistance, planning assistance and implementation assistance as well as tracking progress for compliance. The buffer law requires SWCDs to track progress towards compliance and SWCDs regularly review parcels in their respective districts to ensure they stay in compliance. When landowners are identified as no longer being in compliance the SWCDs will often work with the initially to take steps to get back into compliance prior to sending them to the County, Watershed District or BWSR for enforcement. It is very important to stress that “enforcement” comes out the General Fund from the tax bill (a Riparian Aid payment from the state to the entities tasked with the enforcement) and not the CWF. This funding supports the SWCDs in the monitoring and implementation aspects of the law and associated BWSR oversight, while the GF dollars support the Counties, Watershed Districts and BWSR work for enforcement.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	
FY16-17	$5,000,000
FY18-19	$5,000,000
FY20-21	$5,000,000
FY22-23	$3,872,000
FY24-25	$4,000,000
TOTAL APPROPRIATED TO DATE	**$22,872,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST
$2,000,000	$2,000,000	$4,000,000

Alignment with Clean Water Council Strategic Plan

Clean Water Council Strategic Plan Goal #3.

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Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Continued implementation and monitoring of compliance status for the Minnesota Buffer Law.

- CWF Dollars go to the SWCDs at between 80-90% pass through from BWSR to support the SWCDs monitoring and implementation work.
- BWSR funding covers administrative costs for grants and associated staffing components for continuing education for SWCD staff.
- SWCDs should typically be reviewing about 1/3 of their parcels subject to the law annually. With full review accomplished on 3-year cycles. In addition, they would inspect parcels where complaints or other communications are needed/requested by landowner/operators.
- General Fund Riparian Aid dollars go to Counties Watershed Districts and BWSR to support the development and implementation of local official and/or Administrative Penalty Order plans to provide the framework for the enforcement of cases which are not in compliance. In addition, these funds support staff time and resources associated with compliance actions and communications, legal costs to defend the official controls and court fees or collection fees.
- A number of Counties and Watersheds also work in partnership with the SWCDs to provide resources such as aerial photography, riparian cost share programs and other related support which goes above and beyond the costs provide by the CWF dollars to the SWCDs (This work is optional and in no way expected of the Counties or WDs nor is it consistently provided across the state)

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Enforcement awards are issued annually and range from $40,000 to $160,000 per County. Funds are then split between County and WD based on their responsibilities.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

FY24/25 Buffer Program Implementation Grant Allocations

SWCD	Proposed FY 24/25 Allocation
AITKIN	$8,500
ANOKA	$8,500
BECKER	$21,500
BELTRAMI	$17,000
BENTON	$17,000
BIG STONE	$21,500
BLUE EARTH	$25,500
BROWN	$25,500
CARLTON	$2,500
CARVER	$17,000
CASS	$8,500
CHIPPEWA	$25,500

CHISAGO	$8,500
CLAY	$30,000
CLEARWATER	$17,000
COOK	$2,500
COTTONWOOD	$25,500
CROW WING	$8,500
DAKOTA	$17,000
DODGE	$21,500
DOUGLAS	$17,000
FARIBAULT	$25,500
FILLMORE	$25,500
FREEBORN	$25,500
GOODHUE	$21,500
GRANT	$21,500
HENNEPIN COUNTY	$8,500
HUBBARD	$8,500
ISANTI	$8,500
SWCD	**Proposed FY24/25 Allocation**
ITASCA	$2,500
JACKSON	$25,500
KANABEC	$8,500
KANDIYOHI	$25,500
KITTSON	$30,000
KOOCHICHING	$2,500
LAC QUI PARLE	$25,500
LAKE	$2,500
LAKE OF THE WOODS	$8,500
LE SUEUR	$21,500
LINCOLN	$21,500
LYON	$25,500
MAHNOMEN	$17,000
MARSHALL	$38,500
MARTIN	$30,000
MC LEOD	$17,000
MEEKER	$21,500
MILLE LACS	$8,500
MORRISON	$21,500

MOWER	$25,500
MURRAY	$25,500
NICOLLET	$17,000
NOBLES	$30,000
NORMAN	$30,000
OLMSTED	$21,500
OTTER TAIL E	$21,500
OTTER TAIL W	$21,500
PENNINGTON	$21,500
PINE	$8,500
PIPESTONE	$21,500
POLK E	$21,500
SWCD	**Proposed FY24/25 Allocation**
POLK W 45	$38,500
POPE	$21,500
RAMSEY	$2,500
RED LAKE	$17,000
REDWOOD	$30,000
RENVILLE	$38,500
RICE	$17,000
ROCK	$21,500
ROOT RIVER	$17,000
ROSEAU	$30,000
SCOTT	$8,500
SHERBURNE	$8,500
SIBLEY	$21,500
ST. LOUIS N	$2,500
ST. LOUIS S	$2,500
STEARNS	$30,000
STEELE	$21,500
STEVENS	$25,500
SWIFT	$25,500
TODD	$17,000
TRAVERSE	$25,500
WABASHA	$17,000
WADENA	$8,500
WASECA	$17,000

WASHINGTON	$8,500
WATONWAN	$21,500
WILKIN	$30,000
WINONA	$17,000
WRIGHT	$17,000
YELLOW MEDICINE	$30,000
	$1,698,500

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	
FY12-13	
FY14-15	
FY16-17	3.0
FY18-19	3.0
FY20-21	3.4
FY22-23	3.0
FY24-25	3.0
FY26-27	

FY26-27 CLEAN WATER FUND PROPOSAL

Riparian and Floodplain Restoration Easements [formerly Riparian Buffer-Permanent Conservation Easements]	
BWSR	Program Number: 25
Program Contact Name: **Sharon Doucette**	Phone: **651-539-2567**
Contact E-mail Address: **Sharon.doucette@state.mn.us**	
Person filling out form: **Marcey Westrick**	Phone: **651-284-4153**
Person filling out form e-mail address **Marcey.westrick@state.mn.us**	

Purpose

Easements to restore sensitive land in riparian corridors and floodplains to address water quality issues. Landowners have the option to select a perpetual easement or a limited-term easement. In addition, landowners have options to restore the easement to native vegetation or continue to generate income through uses that do not include row crop agriculture, for example: haying/grazing, silviculture, silvopasture, and/or agroforestry. Easement payment structure is based on the proposed easement length and use.

Webpage

RIM Riparian and Floodplain Restoration

https://bwsr.state.mn.us/rim-riparian-and-floodplain-restoration

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

The program focus is to restore and protect sensitive marginal land within the floodplain or riparian area of public waters to improve water quality by establishing permanent vegetative cover on these areas. This work will reduce the direct water quality impacts of these areas when flooded and provide a buffer for surface water flows from adjacent areas to the public waters.

Easement applications are accepted statewide three times a year. Applications are reviewed together based on scoring criteria to determine funding. Scoring criteria includes several categories including: total easement size, land in an existing CRP contract, proximity to other protected land or public water, frequency of flooding and the area being identified as a priority in a locally adopted Comprehensive Watershed Management Plan.

Currently, the average landowner payment for applications submitted for this program is $7,500/acre.

PRIOR APPROPRIATIONS	
FY10-11	$6,900,000
FY12-13	$12,000,000
FY14-15	$13,000,000
FY16-17	$9,750,000
FY18-19	$9,750,000
FY20-21	$9,500,000
FY22-23	$3,872,000
FY24-25	$5,000,000
TOTAL APPROPRIATED TO DATE	**$69,772,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Surface Water Protection and Restoration Vision: Minnesotans will have fishable and swimmable waters throughout the state.

Goal 2: Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034 via by prioritizing and targeting resources by major watershed.

Strategy: Prioritize waters for protection and restoration using comprehensive watershed management plans (One Watershed One Plan or other approved plans) updated every ten years.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Since FY10-11, Clean Water "buffer" funding has protected over 26,000 acres. Many of the easements are in the SW portion of the state with Redwood and Renville counties having the most individual easements funded.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Increase

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

The Riparian and Floodplain Restoration program also receives funding from Outdoor Heritage Fund.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	1.5
FY12-13	2.6
FY14-15	2.8
FY16-17	2.0
FY18-19	2.0
FY20-21	2.0
FY22-23	1.0
FY24-25	1.0
FY26-27	

FY26-27 CLEAN WATER FUND PROPOSAL

Targeted Wellhead/Drinking Water Protection

BWSR	Program Number: 37
Program Contact Name: **Sharon Doucette**	Phone: **651-539-2567**
Contact E-mail Address: **Sharon.doucette@state.mn.us**	
Person filling out form: **Marcey Westrick**	Phone: **651-284-4153**
Person filling out form e-mail address **Marcey.westrick@state.mn.us**	

Purpose

For conservation easements on wellhead protection areas under Minnesota Statutes, section 103F.515, subdivision 2, paragraph (d), or for grants to local units of government for ensuring long-term protection of groundwater supply sources in wellhead protection areas. Priority to be placed on land that is located where the vulnerability of the drinking water supply is designated as high or very high by the commissioner of health, where the drinking water supply is identified as Mitigation Level 1 or 2 by the Minnesota Groundwater Rule, where monitoring has shown elevated nitrate levels, where drinking water protection plans have identified specific activities that will achieve long-term protection, and/or on lands with expiring Conservation Reserve Program contracts. Slight changes to appropriation language will increase flexibility of funding. These changes would include replacing “grants” with “contracts”, removing “permanent” in the type of easement the state can hold, expanding to the whole RIM statute rather than specifically listing 103F.515, and allowing tribal government partnership rather than just LGUs to be eligible under the existing grant program.

Webpage

RIM Groundwater (Wellhead) Protection Easements | MN Board of Water, Soil Resourceshttps://bwsr.state.mn.us/node/8926

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Implements long-term land management protection in wellhead protection areas.

Easements and grants are determined by the current appropriation language that states projects must be selected using the following criteria: vulnerability of the drinking water supply is designated as high or very high by the commissioner of health through an approved Wellhead Protection Plan, the drinking water supply is identified as Mitigation Level 1 or 2 by the Minnesota Groundwater Rule, monitoring has shown elevated nitrate levels, drinking water protection plans have identified specific activities that will achieve long-term protection, and/or on lands with expiring Conservation Reserve Program contracts.

2,400 acres via 40 RIM easements and 360 acres via Wellhead Protection Partner Grant. As a voluntary program, specific DSWMAs are not targeted outside of meeting the above criteria. Example counties of easement location include Cottonwood, Rock, Watonwan, and Winona.

PRIOR APPROPRIATIONS	
FY10-11	$2,300,000
FY12-13	$3,600,000
FY14-15	$2,600,000
FY16-17	$3,500,000
FY18-19	$3,500,000
FY20-21	$4,000,000
FY22-23	$5,000,000
FY24-25	$5,000,000
TOTAL APPROPRIATED TO DATE	**$29,500,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Drinking Water Source Protection Vision: Drinking water is safe for everyone, everywhere in Minnesota.

Goal 1: Public Water Systems - Ensure that users of public water systems have safe, sufficient, and equitable drinking water.

Strategy: Support prevention efforts to protect groundwater in DWSMAs.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Permanent or long-term protection in highly or very highly vulnerable wellhead protection areas.

The current appropriation language requires the easements to be secured on MDH approved wellhead protection areas (public water supplies). Appropriation language could be modified to strategically place RIM easements targeted in the southeast to provide land protection for other groundwater uses.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Increase

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

Past grant recipients include City of Adrian, Okabena-Ocheda WD, City of Edgerton, and Rock SWCD.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	0.5
FY12-13	0.8
FY14-15	0.6
FY16-17	0.6
FY18-19	0.7
FY20-21	0.7
FY22-23	0.8
FY24-25	0.8
FY26-27	

FY26-27 CLEAN WATER FUND PROPOSAL

Technical Evaluation [Restoration Evaluation]

BWSR	Program Number: 43
Program Contact Name: Wade Johnson	Phone: 651-259-5075
Contact E-mail Address: wade.a.johnson@state.mn.us	
Person filling out form: Annie Felix-Gerth	Phone: 651-238-0677
Person filling out form e-mail address: annie.felix-gerth@state.mn.us	

Purpose

For a technical evaluation panel to conduct 10 restoration evaluations under Minnesota Statues, section 114D.50, subdivision 6. BWSR passes funding to DNR to conduct evaluations of CWF projects. DNR staff share the evaluation results with the local practitioners to improve the quality of Legacy Fund restorations in Minnesota (report). DNR staff also provide training to local practitioners to improve project outcomes.

Webpage

Restoration Evaluation Program | Minnesota DNR (state.mn.us)
https://www.mda.state.mn.us/environment-sustainability/pesticide-monitoring-increased-capacity-and-capability

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Supports local project managers as they work to maximize on-the-ground project outcomes.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	$168,000
FY14-15	$168,000
FY16-17	$168,000
FY18-19	$168,000
FY20-21	$168,000
FY22-23	$84,000
FY24-25	$200,000
TOTAL APPROPRIATED TO DATE	**$1,124,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST
		TBD

[Don't fill out the FY26-27 until you receive agency approval. We will update the form at that time.]

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Drinking Water Source Protection Vision: Drinking water is safe for everyone, everywhere in Minnesota.

Goal 1.

- Strategy: Support the Ground Water Protection Rule (GPR).
- Strategy: Support prevention efforts to protect groundwater in DWSMAs.

Goal 2.

- Strategy: Support selected mitigation activities for private well users.

Surface Water Protection and Restoration Vision: Minnesotans will have fishable and swimmable waters throughout the state.

Goal 2.

- Strategy: Prioritize waters for protection and restoration using comprehensive watershed management plans (One Watershed One Plan or other approved plans) iii updated every ten years.

Goal 3.

- Strategy: Support competitive grants for protection and restoration activities.

All Minnesotans value water and take actions to sustain and protect it.

Goal 1.

• Strategy: Maintain and increase capacity of Minnesotans to improve water quality.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Up to 10 evaluations per year, results compiled into an annual report. Provide webinars and trainings to communicate on findings and recommendations.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Same

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

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Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	0.0
FY12-13	0.5
FY14-15	0.5
FY16-17	0.5
FY18-19	0.5
FY20-21	0.5
FY22-23	0.5
FY24-25	0.5
FY26-27	

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FY26-27 CLEAN WATER FUND PROPOSAL

One Watershed One Plan (Watershed Management Transition)

BWSR	Program Number: 16
Program Contact Name: **Julie Westerlund**	Phone: **651-600-0694**
Contact E-mail Address: **julie.westerlund@state.mn.us**	
Person filling out form: **Julie Westerlund**	Phone: same
Person filling out form e-mail address same	

Purpose

Accelerate implementation of the State's Watershed Approach via watershed-based local water planning and plan maintenance. Plans are aligned with Watershed Restoration and Protection Strategies (WRAPS), Groundwater Restoration and Protection Strategies (GRAPS), and other data and information. This program provides technical assistance, program oversight, and planning grants to local governments.

Webpage

One Watershed, One Plan | MN Board of Water, Soil Resources (state.mn.us)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Local governments develop and amend plans with prioritized, resource-focused implementation plans based on data, state strategies, and local values. Plans are comprehensive and address protection and restoration.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	$900,000
FY16-17	$4,200,000
FY18-19	$3,990,000
FY20-21	$4,000,000
FY22-23	$5,808,000
FY24-25	$3,500,000
TOTAL APPROPRIATED TO DATE	**$22,398,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

[Don't fill out the FY26-27 until you receive agency approval. We will update the form at that time.]

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

CWC Strategic Plan Goal 2

Strategy: Prioritize waters for protection and restoration using comprehensive watershed management plans (One Watershed One Plan or other approved plans) updated every ten years.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Since 2014, 57 groups of local governments have entered into planning agreements to jointly develop a plan. Forty-five plans have been approved by the BWSR Board as of June 3, 2024 and BWSR anticipates 1) full participation statewide (60 planning boundaries) in 2024; and 2) all plans completed and approved by BWSR by 2027. Each plan is prioritized based on the best available science and allows for implementation funding to be directed to the most important places in a watershed. As plans arrive at the mid-point of their 10-year implementation period, they undergo an assessment of progress toward goals and and examination of new data, which informs a future plan amendment which can re-start the 10-year plan time frame.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Decrease. Continued funding will be requested to support ongoing "maintenance" (assessment and amendments) so plans remain current, relevant, and useful.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

The program leverages significant in-kind resources from local government staff.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement. This program supplements Natural Resoureces Block Grant funding for local water planning.

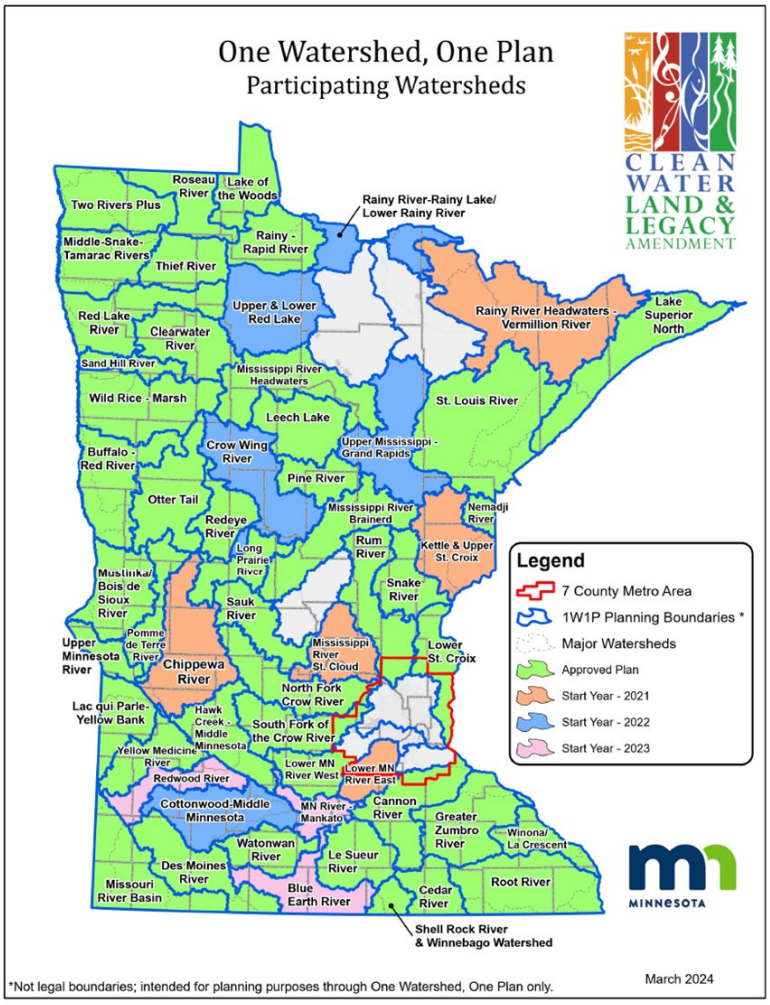
Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

Planning Grants are typically ~$230,000 each. Mid-Point Grants are typically ~$50,000 each.

Start Year	Planning Boundary Name
Planning Grants - For Initial Plan Development	
2014	Lake Superior North
2014	Red Lake River
2014	Root River
2014	Yellow Medicine River
2015	North Fork Crow River
2016	Cannon River
2016	Cedar - Wapsipinicon
2016	Lake of the Woods
2016	Leech Lake River
2016	Missouri River Basin
2016	Pomme de Terre River
2016	Thief River
2017	Bois de Sioux - Mustinka
2017	Buffalo-Red River
2017	Lower St. Croix River
2017	Pine River
2017	Sauk River
2017	Watonwan River
2018	Greater Zumbro
2018	Hawk Creek-Middle Minnesota
2018	Mississippi River Headwaters
2018	Nemadji
2018	Redeye River
2018	Rum River
2018	Shell Rock and Winnebago River
2018	Two Rivers Plus
2018	Wild Rice - Marsh River
2019	Lower Minnesota River West
2019	Snake River
2019	St. Louis River
2020	Clearwater River
2020	Des Moines River
2020	Lac qui Parle-Yellow Bank

2020	Le Sueur River
2020	Long Prairie River
2020	Middle-Snake-Tamarac Rivers
2020	Mississippi River Winona La Crescent
2020	Otter Tail River
2021	Chippewa River
2021	Kettle and Upper St. Croix
2021	Lower Minnesota River East
2021	Mississippi River Brainerd
2021	Mississippi River St. Cloud
2021	Rainy - Rapid River
2021	Rainy River Headwaters - Vermilion
2021	Roseau River
2021	Sand Hill River
2021	South Fork of the Crow River
2021	Upper Minnesota River
2022	Cottonwood-Middle Minnesota
2022	Crow Wing River
2022	Rainy River-Rainy Lake
2022	Upper and Lower Red Lake
2022	Upper Mississippi - Grand Rapids
2023	Blue Earth River
2023	Minnesota River - Mankato
2023	Redwood River
Mid-Point Grants (for plan assessment and/or amendment)	
2022	Lake Superior North
2022	Red Lake River
2022	Root River
2022	Yellow Medicine River
2023	North Fork Crow River
2024	Missouri River
2024	Pine River



State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	
FY12-13	
FY14-15	1.4
FY16-17	2.1
FY18-19	4.7
FY20-21	6.5
FY22-23	5.7
FY24-25	5.7
FY26-27	

FY26-27 CLEAN WATER FUND PROPOSAL

Conservation Drainage Management and Assistance

(Accelerated Implementation)

BWSR	Program Number: 19
Program Contact Name **Tom Gile**	Phone **507-206-2894**
Contact E-mail Address: **marcey.westrick@state.mn.us**	
Person filling out form: **Marcey Westrick**	Phone: **651-284-4153**
Person filling out form e-mail address **marcey.westrick@state.mn.us**	

Purpose

The purpose of this program is to facilitate multipurpose drainage management practices to reduce erosion and sedimentation, reduce peak flows and flooding, and improve water quality, while protecting drainage system efficiency and reducing drainage system maintenance for priority Chapter 103E drainage systems.

1) These grants can be used as an "external source of funding" for water quality improvements in accordance with: Section 103E.011, Subd. 5. Use of external sources of funding.

2) The multipurpose water management provisions in MN Statute Section 103E.015 Considerations before drainage work is done; and/or

3) Other applicable provisions of Chapter 103E (See BWSR Multipurpose Drainage Management Fact Sheet)

Webpage

Multipurpose Drainage Management Grant Profile | MN Board of Water, Soil Resources

Multipurpose Drainage Management | MN Board of Water, Soil Resources (state.mn.us)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Implementation of a conservation drainage/multipurpose drainage water management program in consultation with the Drainage Work Group to improve surface water management by providing funding under the provisions of 103E.015.

From a Single Primary Purpose…
Much of Minnesota's farmland was originally too wet to farm. Surface ditches and subsurface tile have been installed since the time of statehood to drain agricultural lands; remove stagnant

water, insects and disease; and to facilitate transportation and commerce. Minnesota has approximately 19,150 miles of drainage ditches and extensive untallied miles of subsurface tile installed and maintained under what currently is Minn. Stat. Chapter 103E Drainage law. Much of this drainage occurred during the late 1800's, early and middle 1900's. These systems are owned by the benefited property owners and administered by a county, joint county or watershed district drainage authority. Private drainage ditches and patterned tile are also extensive in the primary agricultural lands of Minnesota.

…To Multiple Purposes

Drainage remains very important for agricultural production on much of Minnesota's cropland. However, drainage impacts hydrology, stream stability, water quality and aquatic habitat. Because so much of Minnesota's agricultural land includes drainage systems, multipurpose drainage management is critical for addressing altered hydrology, erosion and sedimentation, water quality, and habitat. Multipurpose Drainage Management of fields and drainage infrastructure can provide adequate drainage capacity, while reducing downstream peak flows and flooding, reducing erosion and sedimentation, improving water quality and improving aquatic habitat. These are important considerations for drainage projects in Section of 103E.015 of Minnesota drainage law. A number of resources are available to help identify, design and implement best management practices for Multipurpose Drainage Management.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	
FY16-17	$1,500,000
FY18-19	$1,500,000
FY20-21	$1,700,000
FY22-23	$1,700,000
FY24-25	$2,000,000
TOTAL APPROPRIATED TO DATE	**$8,400,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Strategy: Prioritize waters for protection and restoration using comprehensive watershed management plans (One Watershed One Plan or other approved plans) iii updated every ten years.

Strategy: Support competitive grants for protection and restoration activities.

Strategy: Identify policy options that will accelerate the protection and restoration of surface waters.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Increase in implementation of conservation practices such as side water inlets, grassed waterways and storage and treatment wetlands in high priority drainage systems

Nitrogen - Lbs/Yr	7,810.73
Nutrients (Nitrate) - Lbs/Yr	443.75
Phosphorus Total (Est. Reduction) - Lbs/Yr	5,981.25
Sediment (Tss) - Tons/Yr	9,393.74
Soil (Est. Savings) - Tons/Yr	3,024.11
Volume Reduced (Acre-Feet/Year) - Acre-Feet/Yr	16.90

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Same

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Program funding doesn't often have external funding, but many projects are able to bring significant local match due to the types of projects being completed and the association with other larger scale landscape work.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

C16-0788	Stearns County Ditch 26 Drainage Managment	Sauk River WD
C16-1476	JD 15 BMP Inventory - Implementation (MDM Grant)	Wright SWCD
C16-5522	Traverse County Ditch 17	Bois de Sioux WD
C16-6387	2016 Red Lake County Multipurpose Drainage Management Grant	Red Lake SWCD
C16-6758	2016 CD8 Erosion and Pollution reduction	Freeborn SWCD
C16-9453	Ripley Nitrogen Reduction Implementation	Dodge SWCD
C17-2876	County Ditch #6 BMPs	Carver SWCD
C17-3197	2017 Red Lake County Multipurpose Drainage Management Grant	Red Lake SWCD
C17-3714	Multipurpose Drainage Management - Greater Blue Earth River Basin Alliance	Greater Blue Earth River Basin Alliance
C17-5923	Pope County Ditch 6 Drainage Management	Sauk River WD
C17-7810	103E Legal Ditch BMPs	Bois de Sioux WD
C17-9776	Polk County Ditch No 80	Sand Hill River WD
C18-0167	CD #175 Improvement	Middle-Snake-Tamarac Rivers WD
C18-0653	Wilkin County Ditch 8 Multipurpose Drainage Management	Wilkin SWCD
C18-4782	CD 10 BMP Inventory - Implementation	Wright SWCD
C18-5308	2018 Marshall County Multipurpose Drainage Management Grant	Marshall SWCD
C18-8114	Roseau River Sediment Control project	Roseau River WD
C19-1880	McLeod County Drainage Ditch 11 Conservation Implementation	McLeod SWCD
C19-1900	2019 - CWF MDM County Ditch 68	Freeborn SWCD
C19-2122	South Heron Lake TMDL Implementation: Phase 2	Heron Lake WD
C19-2515	Wilkin County Ditch 9 & 10 Multipurpose Drainage Management	Wilkin SWCD
C20-4073	Le Sueur County CD61 Storage & Treatment Wetland	Le Sueur County SWCD
C20-5533	CD64 (Brush Creek) Sediment Reduction Strategy	Faribault County SWCD
C20-6058	South Heron Lake TMDL Implementation: Phase 3	Heron Lake WD

C20-6174	SD 51 & CD 16 Water Quality Improvement project	Roseau River WD
C20-7182	Judicial Ditch 11 Restoration and Drainage Management	Bois de Sioux WD
C21-0361	McLeod County Drainage Ditch 63 Conservation Implementation	McLeod SWCD
C21-2566	CD 10 BMP Inventory - Implementation #2	Wright SWCD
C21-4946	Judicial Ditch 6 Water Quality Ditch Retrofit	Bois de Sioux WD
C22-0827	McLeod County Drainage Ditch 11 Conservation Implementation Phase 2	McLeod SWCD
C22-1803	2022 Wright County WASCOBs on Joint Ditch #15	Wright County
C22-2270	2022 Red Lake County Multipurpose Drainage Management Grant	Red Lake SWCD
C22-6082	Redpath Phase 1 - TCD 35 Water Quality Improvements	Bois de Sioux WD
C23-3377	WCD Sub-1 Water Quality Retrofit	Bois de Sioux WD
C23-6275	Improving Water Quality for Beaver Creek	Renville SWCD
C23-6703	Le Sueur County CD23 Side Inlet Project	Le Sueur County SWCD
C23-8237	Judicial Ditch 15 BMPs	Lyon County
C23-9708	Loon Lake Improvement - Jackson County Judicial Ditch 8	Jackson County
C24-0110	2024 Wright County Ditch 19 Grade Stabilization Structures	Wright SWCD

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	0.10
FY12-13	0.70
FY14-15	0.70
FY16-17	0.70
FY18-19	1.20
FY20-21	0.30
FY22-23	0.30
FY24-25	0.50*
FY26-27	

FY26-27 CLEAN WATER FUND PROPOSAL

Critical Shoreland Protection – Permanent Conservation Easements

BWSR	Program Number: 21
Program Contact Name: **Sharon Doucette**	Phone: **651-539-2567**
Contact E-mail Address: **Sharon.doucette@state.mn.us**	
Person filling out form: **Marcey Westrick**	Phone: **651-284-4153**
Person filling out form e-mail address **Marcey.westrick@state.mn.us**	

Purpose

To purchase permanent conservation easements to protect lands adjacent to public waters with good water quality but threatened with degradation. Easement focus has been in the headwaters of the Mississippi River for protection of tributaries and the Mississippi River, to provide source water protection for the Twin Cities and other communities along the Mississippi River.

Webpage

Critical Shorelands: Rum River Conservation Easements | MN Board of Water, Soil Resources (state.mn.us)https://bwsr.state.mn.us/node/8926

(Website will be updated to the more general "Critical Shorelands" title with largely the same materials and text)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Historically, protects high quality public waters in the Upper Mississippi Basin including the Mississippi and its tributaries using the Reinvest in Minnesota (RIM) easement process.

Historically, each biennium of funding was designated to a specific high priority subwatershed within the larger upper Mississippi River area. The FY 16/17 funds were used exclusively in the Pine River Watershed, FY 18/19 funds were used in the Crow Wing River Watershed, FY 20/21 and 22/23 were used in the Rum River Watershed. Based on feedback from partners in the area, FY 24/25 funds are not focused on a specific watershed but is accepting easement applications from all previous focus areas, the Pine, Crow Wing and Rum, as well as adding the connecting watershed – Mississippi River, Brainerd.

Parcels are selected by local technical committees composed of SWCD, BWSR and other agency/partner staff. The technical committees use a scoring system that includes specific criteria – for example, the number of feet of shoreline, parcel size, percent forested, and RAQ score (RAQ stands for Riparian, Adjacency, Quality - a model run for the major watershed),

among other criteria. Scoring is not directly linked to 1W1P because it has not been completed in all watersheds in this part of the state. However, most technical committee members have also been involved in WRAPs, Landscape Stewardship Plans and 1W1Ps and bring that knowledge to team meetings. That information is also used in targeting outreach efforts to specific landowners. Watersheds are prioritized based on the US Forest Service publication "Forests, Water and People: Drinking water supply and forested lands in the Northeast and Midwest United States." The publication identified the most important watersheds for protecting source water for communities in the Twin Cities.

Typical landowner easement payment for this program is $2,000/acre currently. If counties closer to the metro secure more easements, that will almost double the per acre rate (Anoka and Isanti both have significantly higher assessed land values than other counties that are part of the program).

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	
FY16-17	$2,000,000
FY18-19	$2,000,000
FY20-21	$2,550,000
FY22-23	$2,468,000
FY24-25	$3,000,000
TOTAL APPROPRIATED TO DATE	**$12,018,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Surface Water Protection and Restoration Vision: Minnesotans will have fishable and swimmable waters throughout the state.

Goal 2: Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034 via by prioritizing and targeting resources by major watershed.

Strategy: Prioritize waters for protection and restoration using comprehensive watershed management plans (One Watershed One Plan or other approved plans) updated every ten years.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Permanent protection around high quality public waters in the Mississippi Headwaters.

4,000 acres under easement or in process in the program. Currently on track with demand. There are several remaining Mississippi watersheds above the Twin Cities that could be made eligible for the program, both upstream and downstream of the current eligible areas. Appropriation language states: *"to protect lands adjacent to public waters that have good water quality but that are threatened with degradation".* There are other areas of the state, outside of the Mississippi Headwaters, where the funds could be used for protection easements.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay the same

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Much of this same area is within the Mississippi Headwater Board's (MHB) jurisdiction. MHB and BWSR have a partner project, funded by Outdoor Heritage Fund, for protection easements with a focus on protection of existing high-quality habitat corridors in the area.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

NA

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

Annual FTE numbers

FY10-11	
FY12-13	
FY14-15	

FY16-17	0.6
FY18-19	0.6
FY20-21	0.6
FY22-23	0.6
FY24-25	0.6
FY26-27	

FY26-27 CLEAN WATER FUND PROPOSAL

Tillage, Cover Crop, and Erosion Evaluation

BWSR	Program Number: 80
Program Contact Name: Udai Singh	Phone: 507-766-5020
Contact E-mail Address: udai.singh@state.mn.us	
Person filling out form: Annie Felix-Gerth	Phone: 651-201-0677
Person filling out form e-mail address: annie.felix-gerth@state.mn.us	

Purpose

Program to systematically collect data and produce statically valid estimates of the rate of soil erosion state-wide and tracking the adoption of high residue cropping systems in the 67 counties with greater than 30% of land in agricultural row crop production, with future expansion to forested zone, and Quantify and track, on multiple scales, trends in average annual and daily soil loss due to wind and water erosion. Provide data to support targeting of conservation programs.

Webpage

Tillage and Erosion Survey Project | MN Board of Water, Soil Resources (state.mn.us)
https://www.mda.state.mn.us/environment-sustainability/pesticide-monitoring-increased-capacity-and-capability

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Applied use of this data are: 1) MPCA for creating residue mass for WRAPS and to inform HSPF modeling, 2) maps for One Watershed, One Plan development, 3) data on crop residue and cover crop for MN Nutrient Reduction Strategy, and 4) Daily Erosion Project which has potential for developing forestry component & climate change scenarios.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	
FY16-17	$1,000,000
FY18-19	$850,000
FY20-21	$850,000
FY22-23	$723,000
FY24-25	$850,000
TOTAL APPROPRIATED TO DATE	**$4,273,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST
		TBD

[Don't fill out the FY26-27 until you receive agency approval. We will update the form at that time.]

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

- Drinking Water Source Protection Vision, Goal 1: Public Water Systems, Strategy: Support prevention efforts to protect groundwater in DWSMAs.
- Surface Water Protection and Restoration Vision, Goal 2: Protect and restore surface waters, Strategy: Identify and refine strategies required to meet water quality standards in each HUC-8 watershed; Strategy: Prioritize waters for protection and restoration using comprehensive watershed management plans (One Watershed One Plan or other approved plans) iii updated every ten years.
- Vision: All Minnesotans value water and take actions to sustain and protect it: Goal 1: Build capacity of local communities to protect and sustain water resources, Strategy: Maintain and increase capacity of Minnesotans to improve water quality.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Track tillage trends, cover crop adoption, and land cover in the 67-county area with greater than 30% of land dedicated to row crop production, with future expansion to forested zone; quantify and track trends in average annual and daily soil loss due to wind and water erosion; provide data to support targeting of conservation programs.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Steady

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

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Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the

request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	
FY12-13	
FY14-15	
FY16-17	0.5
FY18-19	0.5
FY20-21	0.5
FY22-23	0.5
FY24-25	0.5
FY26-27	

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FY26-27 CLEAN WATER FUND PROPOSAL

Watershed Legacy Partners Grants

BWSR	Program Number: 27
Program Contact Name **Annie Felix-Gerth**	Phone **651-238-0677**
Contact E-mail Address: **annie.felix-gerth@state.mn.us**	
Person filling out form: **Annie Felix-Gerth**	Phone:
Person filling out form e-mail address	

Webpage

Clean Water Legacy Partners Grant Program (Pilot) | MN Board of Water, Soil Resources

Purpose

Increase implementation of voluntary conservation across MN through new partners.

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

This is based on CWC interest and request. Included in CWC Strategic Plan. This program is intended to expand partnerships to protect and restore Minnesota's water resources. The Legislature appropriated $400,000 in fiscal year 2022 and $600,000 in fiscal year 2023 from the Clean Water Fund "for developing and implementing a water legacy grant program to expand partnerships for clean water."

PRIOR APPROPRIATIONS	
FY10-11	$0
FY12-13	$3,000,000
FY14-15	$3,000,000
FY16-17	$1,500,000
FY18-19	$0
FY20-21	$0
FY22-23	$1,000,000
FY24-25	$1,000,000
TOTAL APPROPRIATED TO DATE	**$9,500,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST
		Increase

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Groundwater Vision: Groundwater is clean and available to all in Minnesota.

Goal 1: Protect groundwater from degradation and support effective measures to restore degraded groundwater.

- Strategy: Develop and carry out strategies that will protect and restore groundwater statewide.

Goal 2: Ensure groundwater use is sustainable and avoid adverse impacts to surface water features due to groundwater use.

- Strategy: Develop and carry out strategies that promote sustainability of groundwater use

Drinking Water Source Protection Vision: Drinking water is safe for everyone, everywhere in Minnesota.

Goal 1: Public Water Systems

- Strategy: Support the Ground Water Protection Rule (GPR).
- Strategy: Support prevention efforts to protect groundwater in DWSMAs.

Goal 2: Private Water Supply Wells—Ensure that private well users have safe, sufficient, and equitable access to drinking water.

- Strategy: Support selected mitigation activities for private well users.

Surface Water Protection and Restoration Vision: Minnesotans will have fishable and swimmable waters throughout the state.

Goal 2: Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034ii via by prioritizing and targeting resources by major watershed.

- Strategy: Prioritize waters for protection and restoration using comprehensive watershed management plans (One Watershed One Plan or other approved plans)iii updated every ten years.

Vision: All Minnesotans value water and take actions to sustain and protect it.

Goal 1: Build capacity of local communities to protect and sustain water resources.

- Strategy: Maintain and increase capacity of Minnesotans to improve water quality.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Increases in water quality improvement projects.

BWSR didn't require any modeling results for the proposals. We can share the proposed outcomes if there is interest.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Increase

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

Click on the link for a ranking of applications in FY22-23.

FY22_23 CleanWaterLegacy Application Ranking.xlsx (state.mn.us)

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	0.0
FY12-13	0.7
FY14-15	0.7
FY16-17	0.7
FY18-19	0.0
FY20-21	0.0

FY22-23	0.3
FY24-25	0
FY26-27	NA

FY26-27 CLEAN WATER FUND PROPOSAL

Wetland Restoration Easements

BWSR	Program Number: __
Program Contact Name: **Sharon Doucette**	Phone: **651-539-2567**
Contact E-mail Address: **Sharon.doucette@state.mn.us**	
Person filling out form: **Marcey Westrick**	Phone: **651-284-4153**
Person filling out form e-mail address **Marcey.westrick@state.mn.us**	

Purpose

The purpose of the RIM Wetlands Program is to restore and protect previously drained and altered wetlands and adjacent grasslands and other important vegetated buffers using permanent RIM conservation easements across the state. Restoring and protecting wetlands provides many water quality, habitat and climate mitigation benefits.

Webpage

RIM Wetlands | MN Board of Water, Soil Resources (state.mn.us)https://bwsr.state.mn.us/node/8926

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Funds will acquire permanent conservation easements and restore wetlands in priority areas statewide.

Easement applications are accepted statewide on a quarterly basis. Applications are reviewed together based on scoring criteria to determine funding. Scoring criteria includes, but is not limited to, acres of restorable wetland, upland acres, total easement size, proximity to other protected land or public water and wetland restoration/protection being identified as a priority in a Comprehensive Watershed Management Plan.

To date, the average landowner payment for submitted applications is $6,200/acre. Statewide average of the new RIM 2024 RIM rates is $5,500/acre. Reviewing the 2024 rate update in counties where wetland restoration applications frequently are submitted, the average is almost $8,000/acre for landowner easement payment as many counties in the prairie pothole region of the state had between 20 to 30% increase in the tax assessed value of land as reported to the Minnesota Department of Revenue over the last year. This does not include restoration costs.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	
FY16-17	
FY18-19	
FY20-21	
FY22-23	$5,660,000
FY24-25	$10,000,000
TOTAL APPROPRIATED TO DATE	**$15,660,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Surface Water Protection and Restoration Vision: Minnesotans will have fishable and swimmable waters throughout the state.

Goal 2: Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034 via by prioritizing and targeting resources by major watershed.

Strategy: Prioritize waters for protection and restoration using comprehensive watershed management plans (One Watershed One Plan or other approved plans) updated every ten years.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Increase in restored and protected wetland acres and associated water quality and habitat benefits.

Program totals with RIM Wetlands funding from both OHF and CWF since 2022 (the most recent version of the RIM Wetlands program): 2,400 acres (approximately half from CWF, half from OHF) with some Clean Water funding available from FY24-25 still for landowner payments. Most easements are in southern or western Minnesota. Le Sueur County has submitted the most applications to date.

Clean Water funds have contributed to many more wetland restorations via past CREP appropriations.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Increase

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

The RIM Wetlands restoration program is also funded through the Outdoor Heritage Fund. General fund dollars were also appropriated to RIM last year specifically for peatland restoration to support the Governor's Climate Initiative.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	
FY12-13	
FY14-15	
FY16-17	
FY18-19	
FY20-21	
FY22-23	0.8
FY24-25	0.9
FY26-27	

FY26-27 CLEAN WATER FUND PROPOSAL

Enhancing Landowner Adoption of Soil Health Practices for Drinking Water and Groundwater

aka Soil Health Grants

BWSR	Program Number: 28
Program Contact Name **Tom Gile**	Phone **507-206-2894**
Contact E-mail Address: **Tom.Gile@state.mn.us**	
Person filling out form: **Marcey Westrick**	Phone: **651-284-4153**
Person filling out form e-mail address **marcey.westrick@state.mn.us**	

Purpose

The program provides both applied research by the Minnesota Office for Soil Health and implementation of conservation cover practices and reduced tillage to reduce nutrient loss.

Webpage

Grant Profile: CWF Soil Health | MN Board of Water, Soil Resources (state.mn.us)

MOSH - Minnesota Office for Soil Health (umn.edu)

Modifications to the Soil Health Pages and programing will be going on in the next year with the influx of funding and programing.

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

The CWF dollars are being bundled with a General Fund appropriation to kick start a comprehensive package of soil health programing in Minnesota which has also successfully leveraged an additional $25M in Federal dollars.

While near-channel erosion is the largest source of sediment to the Minnesota and Mississippi Rivers, upland erosion on tilled fields is the second largest source of sediment and is a source which has increased substantially since major changes to vegetation and land cover were made many decades ago.

The Minnesota Nutrient Reduction Strategy, Sediment Reduction Strategy and Climate Action Framework identify a suite of soil health related activities that need to see significantly increased adoption rates in order to make tangible progress towards our water quality and climate goals.

This proposal integrates sediment retention and climate related objectives with a goal of restoring and maintaining soil health.

Practices to improve water quality, climate and soil health are interrelated to farm sustainability; and while water quality and climate impacts generally show up off of the farm, soil health is more directly related to the sustained productivity of the soil on the farm itself. Integrating soil health systems adds increased on-farm value to many of the practices used to mitigate nutrient loading. National initiatives are increasingly emphasizing the importance of soil health. Decisions that are made at the individual farm scale will be most successful when programs support and provide locally led assistance that helps motivate the needed changes.

Phase 1 is to create additional local points of contact to work with landowners on increasing utilization of soil health practices and systems that advance the principles of soil health.

1. **Trusted Local Expertise.** Among the common themes that emerged in stakeholder discussions for the state soil health action framework are the challenges of building expertise in soil health practices and meeting demands for that expertise, across both the public and private sectors. This grant program is designed to direct state resources toward staffing that can help meet these needs at the local level.
2. **Expand public-private partnerships across multiple sectors and activities.** Public agencies, NGOs, and private companies share many goals for improving soil health across the agricultural sector. In addition to supporting new staff positions, partnerships can expand and enhance collaboration in the areas of research and market and supply chain development.
3. Support and increase **mentorship and peer-to-peer learning support** through positions and people who can facilitate connections and farmer-driven learning opportunities.

Phase 2 consists of development and administration of a Soil Health Practices Program established via Minnesota Statutes (M.S.) §103F.06 to provide a financial and technical support program to produce soil health practices that achieve water quality, soil productivity, climate change resiliency, or carbon sequestration benefits or reduce pesticide and fertilizer use.[1] Soil Health Practices Program funds are to be implemented in a manner consistent with M.S. §103F.06 and the cost-sharing provisions of M.S. §103C.501.

Lastly Phase 3 which is the leveraging of an additional $25 Million in federal NRCS funding awarded via a Regional Conservation Partnership Program (RCPP) grant awarded to BWSR which will go exclusively for Soil health practice implementation within the Counties in MN which have greater than 30% ag lands.

Principles for building soil health

- Keep the soil covered.
- Minimize disturbance.
- Keep living roots in the ground.
- Diversify rotations.
- Integrate livestock.

Adopting these five principles will build soil by protecting it from erosion and providing a constant food source to the underground food web. The constant food source is important because microbes feed on residues and living root exudates, and in turn feed larger soil organisms. Microbes and roots also excrete organic matter which binds soil particles into stable soil aggregates. That's why feeding the food web

leads to porous soil which allows water to infiltrate and remain in the soil for longer. (Soil organic matter and soil water fact sheet)

Producers apply these principles in many different ways. For Minnesota row crop farmers, it commonly means reducing tillage and incorporating a winter cover crop.

Through the FY 22-23 appropriation we learned that being hyper specific to DWSMA work can be an impediment at this stage of programing. With many goals for Soil Health related adoption indicating needs for "millions of acres" we need to see landowners succeed in incorporating the principles of soil health at a broad scale. Within that broader effort we are communicating to SWCDs and local implementors to be very aware of the importance of prioritization of producers who are working on ground within sensitive groundwater areas which include high/very-highly susceptible ground water areas, public water supplies and Drinking Water Supply Management areas. Ensuring programing includes strong incentives and increased communications is an important factor in making progress in these critical areas as well as seeing success across the landscape.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	
FY16-17	
FY18-19	
FY20-21	
FY22-23	$4,200,000
FY24-25	$12,077,000
TOTAL APPROPRIATED TO DATE	**$16,277,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Strategy: Support prevention efforts to protect groundwater in DWSMAs.

Strategy: Support selected mitigation activities for private well users.

Strategy: Prioritize waters for protection and restoration using comprehensive watershed management plans (One Watershed One Plan or other approved plans) iii updated every ten years.

Strategy: Support competitive grants for protection and restoration activities.

Strategy: Maintain and increase capacity of Minnesotans to improve water quality.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Increase in the statewide total of Soil Health practices and systems across the state including practices such as Cover Crops, No-Till, Strip-Till and other BMPs which advance the principles of soil health.

To date an estimated 22,000 acres have been implemented with funding at least in part from the dollars identified in these appropriations.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Increase.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

As noted previously this program is being delivered locally through a bundled approach with recent new, one-time General Fund appropriations of approximately $21 Million. That bundling of programing and the framework proposed helped us successfully leverage an additional $25 Million in federal RCPP funds specifically for in the ground practices.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

Soil Health for Water Quality Protection	Traverse SWCD
Chisago SWCDFY22 LCS Coil Health Grant	Chisago SWCD
GBERBA Soil Health Implementation Grant	Greater Blue Earth River Basin (GBERBA)
2022 Clean Water Soil Health Grant	Wilkin SWCD

Southwest Minnesota Wellhead Soil Health	Pipestone SWCD
The Future of Farming in Becker County - Phase II	Becker SWCD
Soil Health Practices to Protect Drinking Water in Mississippi River Sartell	Stearns SWCD
Goodhue DWSMA-Nitrate Protection Initiative	Goodhue SWCD
Using Soil Health to Protect Drinking Water in Two Rural Minnesota Communities	Swift
Vulnerable Non-Community Public Water Supply Protection in Mississippi Outwash Plains Using Cover Crops	Morrison SWCD

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	0.0
FY12-13	0.0
FY14-15	0.0
FY16-17	0.0
FY18-19	0.0
FY20-21	0.0
FY22-23	0.0
FY24-25	0.0
FY26-27	0.0

FY26-27 CLEAN WATER FUND PROPOSAL

Leveraging the Great Lakes Restoration LAMP Program and Other Federal Funds

MPCA	Program Number: NEW
Program Contact Name: Glenn Skuta	Phone: 651-757-2730
Contact E-mail Address: glenn.skuta@state.mn.us	
Person filling out form: Glenn Skuta	Phone:
Person filling out form e-mail address:	

Purpose

Modeling the approach Minnesota took with leveraging federal dollars to clean up the St. Louis River Estuary Area of Concern, it is time to leverage Clean Water Funds to obtain federal funds to implement Minnesota's Watershed Approach. The purpose of this proposal is to leverage Clean Water Funds to obtain federal funds (i.e., Great Lakes Restoration Initiative (GLRI) funds or other federal funds) to implement Minnesota's clean water strategies through water quality work being implemented by local governments in the Lake Superior Basin. With dedicated state matching funds and resources for applying for and managing federal funds such as GLRI, Minnesota can increase federal funding received for implementing projects that work toward Lake Superior's Lakewide Action Management Plan (LAMP) objectives and local water plan strategies and priorities to continue and enhance water quality protection and restoration work.

Webpage

Great Lakes Restoration Initiative | Great Lakes Restoration Initiative (glri.us)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

The five SWCDs (North and South St. Louis, Cook, Lake, Carlton) in the Lake Superior Basin have participated in the development of Watershed Restoration and Protection Strategies (WRAPS) reports and comprehensive local water plans based on them through the One Watershed One Plan (1W1P) process in their areas to protect unique resources in the watersheds of Lake Superior and to restore ecological resources that are impaired. In the four counties, there are approximately $36M of prioritized watershed restoration, protection and enhancement opportunities such as stream channel restoration, fish passage improvement, coastal habitat enhancement, and protection strategy implementation. These projects will not only better the ecological resources of Lake Superior but will also benefit the local communities and citizens. At this time, funding is provided through federal non-competitive processes and competitive

processes. While SWCDs have been successful in securing some Great Lakes federal funds, their lack of capacity has prevented them from seeking all that could be available to them. It is important to understand that at this time EPA is making more money available than ever before for watershed work in the Great Lakes Basin due to passage of federal infrastructure bills.

Further, many of the LAMP objectives are in alignment with our 1W1P and WRAPS. This planning work provides a strong case for leveraging state funds to bring more resources to western Lake Superior, making Minnesota one of the most competitive states in the Great Lakes. The resulting opportunity to restore and protect Lake Superior Basin resources from this commitment will make lasting impacts to water quality and ecosystem services. In addition, it will save the state millions of dollars by leveraging federal funds, and free up resources to be applied in other places.

The state Clean Water Funds for this effort would be administered by the Board of Water and Soil Resources (BWSR) and directed to the SWCDs, since the capacity funding infrastructure is already in place. A dedicated match for the next biennium would help the Lake Superior Basin SWCDs take greater advantage of the federal funding. SWCDs should be authorized to use the funds for a range of needs including staffing, administration, and implementation. This flexibility will initially provide the capacity to put together project proposals and more aggressively and competitively pursue federal funding opportunities, while also improving staff retention, and eventually supporting the greater project management needs as projects begin to be funded.

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PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	
FY16-17	
FY18-19	
FY20-21	
FY22-23	
FY24-25	($1,000,000 supplemental budget recommendation of the CWC)
TOTAL APPROPRIATED TO DATE	**(proposed supplemental CWF $1,000,000)**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Surface Water Protection and Restoration Vision: Minnesotans will have fishable and swimmable waters throughout the state.

Goal 3: Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034 via through statewide, regional, or issue-specific programs that help meet water quality goals but are not necessarily prioritized and targeted according to geography.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Funding for this initiative was first appropriated for FY25 (assuming passage of CWC supplemental budget request). Expected results include increasing capacity for local governments in the Lake Superior Basin to apply for and manage federal funds to implement actions that result in water quality improvement.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

It is anticipated that the requested amount will stay about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Yes, the purpose of this program is to request federal funding. The CWF will provide capacity to local governments to leverage federal funding opportunities that they would otherwise not be able to obtain.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

This request is supplemental, and does not substitute for or supplant previous funding. It is to increase capacity of local governments to enable them to obtain more federal implementation funding.

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

Having funds for each SWCD for each year of the biennium would provide funds to help develop projects and proposal to acquire federal funds and implement projects.

It is anticipated that the funding will go to five Lake Superior Basin SWCDs including the following: N and S St. Louis County SWCDs, Lake County SWCD, Cook SWCD, and Carlton SWCD.

The following describes the current prioritized implementation project funding need by each SWCD:

County	Plan Cost
Cook	$11,000,000
Lake	$10,000,000
St. Louis	$10,000,000
Carlton	$5,000,000

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	
FY12-13	
FY14-15	
FY16-17	
FY18-19	
FY20-21	
FY22-23	
FY24-25	0
FY26-27	0

FY26-27 CLEAN WATER FUND PROPOSAL

Drinking Water Contaminants of Emerging Concern

MDH	Program Number: 23
Program Contact Name: **Kris Klos (HRA), Stefan Saravia (PHL),** and **Stephanie Drier (MNELAP)**	Phone: **651-201-5579**
Contact E-mail Address: **stefan.saravia@state.mn.us; kris.klos@state.mn.us; stephanie.drier@state.mn.us**	
Person filling out form: **Kris Klos (HRA), Stefan Saravia (PHL),** and **Stephanie Drier (MNELAP)**	Phone: **651-201-5579**
Person filling out form e-mail address **stefan.saravia@state.mn.us; Kris.klos@state.mn.us; stephanie.drier@state.mn.us**	

Purpose

The Minnesota Department of Health (MDH) develops innovative approaches to evaluate, analyze, and standardize methods for identifying and reporting emerging contaminants resulting in effective, science-based, public health responses. This proposal addresses three key areas of need for Contaminants of Emerging Concern (CEC): 1) increased capacity to define health-based levels for CEC; 2) increased capacity to analyze for CEC in the environment; and 3) increased capacity to ensure that analytical results are of high quality to inform public health decisions.

Firstly, MDH routinely develops human health-based drinking water guidance for emerging contaminants to aid in planning, monitoring, and mitigating impacts from CECs. The CEC initiative also actively engages agency and community stakeholders to ensure chemicals being examined are prioritized and provides funding for partners engaged in education, awareness, and analytical testing. In FY26-27, we will further the work of reviewing and evaluating chemicals, completing risk assessments for CECs, developing rapid assessments and new risk assessment methods, providing public information materials, giving technical support to our partners and stakeholders, collaborating with USEPA research staff, and representing Minnesota interests on state and national boards and committees.

Secondly, this proposal supports the MDH Public Health Laboratory (PHL) in expanding their PFAS testing capacity for the increased number of surface, ground, and drinking water samples that will need to be tested as a result of new standards and guidelines and growing public concern. Additionally, the PHL is developing new capabilities to look for currently unidentified PFAS chemicals through non-target analysis and total fluorine analysis. Finally, the PHL is lowering reporting levels to identify these compounds at lower concentrations in samples.

The PHL plays a critical role in the continued evolution of CEC monitoring throughout Minnesota. PHL provides the data that is essential for environmental assessments. PHL has continuing and additional needs for staff and equipment to support the CEC laboratory work. Those needs include more method development, identifying CEC compounds at lower concentrations, supporting programmatic testing and

operationalizing new instrumentation to meet these demands. Ensuring a strong PHL will ensure Minnesota is able to stay at the forefront of CEC.

Thirdly, this funding supports the Minnesota Environmental Laboratory Accreditation Program (MNELAP), which works to accredit the many public and private laboratories that will be bringing on PFAS testing methods in response to new EPA regulations that went into effect on April 10, 2024. The MNELAP ensures that public and private labs conducting testing on waters and other matrices of the state are providing reliable and reproduceable environmental data. These laboratories are accredited to national standards in staffing, data collection, analysis, management systems, and rigor so that laboratories generate reliable and accurate data for various federal and state environmental programs and clients. The accreditation and oversight of laboratories will be performed according to the environmental laboratory accreditation requirements under Minnesota Statutes, section 144.98.

The work of the CEC Initiative is prioritizing changes in order to meet the demands of stakeholders and continue to engage the public in understanding their CEC exposures from drinking water and other sources. Without Clean Water Funds, MDH would have significantly reduced capacity to review, analyze and accredit laboratories for CEC contaminants that pose a threat to ecological and human health in Minnesota. For example, most PFAS have little to no toxicological information available. To protect public health, MDH needs expertise to incorporate new toxicological methods and data streams into Minnesota's current risk assessment methods. The federal government recently published regulatory standards for PFAS in drinking water in April 2024.

Webpages

- Contaminants of Emerging Concern (CEC) Protecting Minnesota's Water Resources (www.health.state.mn.us/communities/environment/risk/guidance/dwec/index.html)
- MN Department of Health Environmental Laboratory (www.health.state.mn.us/communities/environment/envlab/index.html)
- Minnesota Department of Health Environmental Laboratory Accreditation Program (MNELAP) (https://www.health.state.mn.us/communities/environment/mnelap/index.html)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Since 2002, MDH and its partners have worked to characterize and evaluate the environmental and public health impacts of PFAS and other CECs in Minnesota.

When the CEC Initiative first started there was not much information on CECs in waters used for dinking in Minnesota, and very limited laboratory methods available. Since 2010, there have been multiple small- and large-scale sampling efforts by state agency staff to identify CECs in the environment. While these sampling efforts are illuminating the extent of CEC pollution in Minnesota's waters, often it is not clear if this pollution presents a human health risk. The CEC Initiative gives context to these environmental chemical detections through the development of water guidance values. These values are used by state agencies and other stakeholders. The CEC Initiative gives expert technical assistance

on the application of these values. The demand for these kinds of values has continued to grow as more sampling efforts have taken place.

The PHL maintains and develops new laboratory methods to meet and exceed the needs of state agencies doing this very important environmental sampling work. In addition, the PHL also develops and maintains new methods for analyzing for CECs (such as PFAS) in human samples. These analyses have been the cornerstone of biomonitoring projects that have given information about not only what Minnesotans are being exposed to, but also whether public health interventions are working to reduce their exposures.

In addition, the CEC Initiative passes through CWF monies in the form of small grants to local or small programs that focus on pollution prevention work for CEC chemicals such as pharmaceuticals and pesticides used in the home. As part of this small grant program, technical staff offer assistance to local programs. These small grants have generally been awarded to watershed districts, municipalities, and nonprofit agencies.

MNELAP uses CEC funds to enhance the accredited laboratory database and staff FTEs. These enhancements and staffing will implement and automate tools (e.g., database and the searchable laboratory list) to document ongoing laboratory quality, compliance reporting, enforcement, and PFAS data and records management. MNELAP publishes directly from our online database a list that is searchable to the public. This searchable laboratory list is a way private citizens, state agencies, and others find accredited laboratories for testing their water or other matrices of interest.

With the increasing demand for PFAS sampling and testing from the public, the PHL cannot meet all the required testing and take in samples from members of the public including well drillers, private well owners, daycare providers, real estate transactions, and others. Therefore, MNELAP accredits public and private labs to increase testing capacity and to provide backup testing to PHL due to any unforeseen situations.

PRIOR APPROPRIATIONS	
FY10-11	$1,300,000
FY12-13	$2,040,000
FY14-15	$2,300,000
FY16-17	$2,200,000
FY18-19	$2,200,000
FY20-21	$3,400,000
FY22-23	$2,400,000
FY24-25	$10,100,000
TOTAL APPROPRIATED TO DATE	**$25,940,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

[Don’t fill out the FY26-27 until you receive agency approval. We will update the form at that time.]

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Drinking Water Source Protection Vision: Drinking Water is safe for everyone, everywhere in Minnesota.

- **Goal 1: Public Water Systems**—Ensure that users of public water systems have safe, sufficient, and equitable drinking water.
    - Strategy: Support prevention and management of newly identified contaminant risks.
    - Strategy: Identify policy options that will accelerate progress to achieving federal safe drinking water standards.
- **Goal 2: Private Water Supply Wells**—Ensure that private well users have safe, sufficient, and equitable access to drinking water.
    - Strategy: Identify risks to and fund testing of private well water.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

- Increase the number of completed guidance values, rapid assessments, and screening values.
- Develop risk assessment tools that allow for guidance development of CECs with little to no toxicity data. This will be accomplished by our continued partnership with the EPA and our hiring of a computational toxicologist.
- Sustain outreach to community partners, that includes the annual CEC stakeholder meeting, the CEC Forum (which will explore equity issues in CEC exposure and in the development of CEC guidance), Town Halls when appropriate, responding to citizen issues, and assisting the University of Minnesota with toxicological and risk assessment requests.
- Support the CEC Outreach and Education Grant Program. The CEC initiative funded awards in 2017 and 2019 for community organizations to conduct outreach and education efforts related to contaminants of emerging concern. The purpose of these grants was to enhance Minnesotans' understanding and knowledge of contaminants of emerging concern in water that may be used for drinking. These grant-funded projects were paused at the start of the COVID pandemic and will restart later this year.
- Increase the number of PFAS samples the PHL can analyze in a year
- Increase the number of emerging contaminant compounds that can be tested for by the PHL
- Increase the number of MNELAP accredited PFAS laboratories
- Increase the number of PFAS and CEC Fields of Testing offered by MNELAP
- Continue to summarize and capture program activities and highlights on a quarterly, annual, and biennial schedule. These are often qualitative evaluations, but also include number of technical assists we've provided, conferences we've presented at, and other quantitative measures of our work and reach.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Increase. There are a number of factors contributing to the likely need for additional funding over the long-term:

- There are many, many compounds in the environment that remain unidentified, with more being added every year as new products are developed;
- As analytical methods improve, more compounds are identified in the environment, resulting in the need for additional toxicologic assessment;
- Research is regularly improving our understanding of human health and the implications of environmental contaminants, so standards need to be regularly updated; and
- As reporting limits get lower and analytical methods more complex, it will be critical to ensure that results accurately reflect conditions in the environment.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

MNELAP receives SGSR funds through the collection of fees based on MN Statutes 144.98.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." ***Indicate if this proposal will supplement or supplant previous funding.***

Supplement. The program areas described in this proposal all currently exist. However, as described in "Long-term funding vision" above there is a critical need to enhance current efforts and prepare for future demands for better understanding and responding to CECs.

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

CEC Outreach and Education Grant Program

Year	Organization	Award
FY17	Coon Creek Watershed District	$41,637
	Clean Water Fund	$45,000
	University of Minnesota Water Resources Center, Onsite Sewage Treatment Program	$44,681
FY19	Central Minnesota Water Education Alliance	$10,000
	Health Advocates, Inc.	$9,800

	Minneapolis Health Department	$10,000
	University of Minnesota: InSciEd Out	$9,975
	University of Minnesota: Water Resources Center	$9,670

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	3.0
FY12-13	7.0
FY14-15	10.0
FY16-17	11.0
FY18-19	9.0
FY20-21	7.0
FY22-23	6.9
FY24-25	**Total at end of FY25: 22.9** (3 MNELAP FTEs; 12 PHL FTEs by end of FY25; 7.9 HRA FTEs in FY24/10.5 HRA FTEs in FY25)
FY26-27	

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FY26-27 CLEAN WATER FUND PROPOSAL

Private Well Initiative

MDH	Program Number: 9
Program Contact Name: **Tannie Eshenaur and Frieda von Qualen**	Phone: **651.201.4074**
Contact E-mail Address: **frieda.vonqualen@state.mn.us**	
Person filling out form: **Frieda von Qualen**	Phone: **651-201-4547**
Person filling out form e-mail address **frieda.vonqualen@state.mn.us**	

Purpose

The Private Well Initiative works to ensure that the at least 20% of the people in Minnesota who rely on a private well as their source of drinking water (over 1.1 million people) are confident their drinking water is safe. This program does the following to supplement the work of the MDH Well Management Section (which ensures all wells are constructed and sealed properly) and local partners:

- **Better understand and explain the occurrence and distribution of contaminants in private wells** in Minnesota. This includes identifying if there are additional common contaminants in Minnesota private well water, understanding mitigation options, and making it easy for private well users to know what to test for and how to mitigate contaminant issues;
- **Education, outreach, and technical assistance** for private well users about testing private well water for common contaminants (coliform bacteria, nitrate, arsenic, lead, and manganese) and mitigation. A statewide assessment of private well users' knowledge, attitudes, and behaviors will inform and drive education and outreach approaches. Existing approaches include developing new materials and online trainings, translating materials, and sharing materials with partners.
- **Develop and strengthen partnerships** with local governments, professional organizations, and nonprofit organizations to support private well users. Activities include hosting the Private Well Forum, online training for real estate professionals, outreach to rental property owners and renters, and supporting the development of the peer-to-peer learning Minnesota Private Well Stewardship Program.
- **Make private well water quality data accessible** to the public and partners. This includes determining the platform for where data could be housed, the sources from which data will be pulled, and how the data will be displayed.
- **Develop model policies** that local partners could adopt to better protect private well users.
- **Establish a statewide well testing and inventory program.** This will build off lessons learned through previous and current pilot grants.
- **Support efforts to address nitrate in private wells in southeast Minnesota.**

Webpages

- Private Well Protection Clean Water Fund - MN Dept. of Health (state.mn.us) (www.health.state.mn.us/communities/environment/water/cwf/wells.html)
- Well Testing, Results, and Options (www.health.state.mn.us/communities/environment/water/wells/waterquality/tips.html)
- Well Partners (www.health.state.mn.us/communities/environment/water/wells/partners/index.html)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

This program works directly with private well users and will establish and maintain a system to support private well users so they can protect their drinking water source and be confident their private well water is safe for everyone in their household.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	$650,000
FY16-17	$650,000
FY18-19	$800,000
FY20-21	$1,500,000
FY22-23	$0
FY24-25	$3,000,000
TOTAL APPROPRIATED TO DATE	**$6,600,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Drinking water is safe for everyone, everywhere in Minnesota.

Goal 1: Private water supply wells

- Strategy: Identify risks to and fund testing of private well water.
- Strategy: Support selected mitigation activities for private well users.
- Strategy: Identify policy options that will accelerate the reduction in the number of unsafe private wells.

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Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

- **Percent of private well owners testing their well water at the frequency MDH recommends.**
    - In our 2016 survey, less than 20% or respondents test well water at the frequency MDH recommends.
- **Percent of private well owners with elevated arsenic who take action to reduce their exposure to arsenic in drinking water.**
    - In our 2016 survey, 66% of respondents took action to reduce their exposure to arsenic in drinking water.
- **Number of model policies that have been shared and adopted.**
    - MDH is drafting the policies.
- **Number of newly identified wells (pre-code and new construction) entered into Minnesota Well Index.**
    - In development.

Completed

- Studies of arsenic in private wells and radium in private wells.
- 2016 survey of private well households to better understand knowledge, attitudes, and behaviors of private well users with elevated arsenic.
- New *Well Water and Your Baby* brochure and translating top 8 brochures/info sheets into Spanish, Somali, and Hmong.
- Two pilot private well grants for well testing and mitigation to find ways to develop a statewide approach to well testing and mitigation.
- Hosted a Private Well Forum in 2023 to bring together partners working with private well users; 205 attendees.
- Online training for real estate professionals about private wells and property transfer. Over 100 completions since November 2023.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Increase.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Yes, we currently have a grant that will end in August 2025 from the U.S. Centers for Disease Control and Prevention. The grant provides some funding for outreach and education to real estate

professionals and rental property owners and to provide data visualizations related to existing private well water quality data and sociodemographic information.

We regularly search for grant opportunities.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." ***Indicate if this proposal will supplement or supplant previous funding.***

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

Previous entities:

- FY14-25: U.S. Geological Survey ($425K)
- FY18-19: Stearns County SWCD ($6,030), Becker County SWCD ($10,682)
- FY20-21 Appropriation: UMN Water Resources Center ($20,000), Horizon Public Health ($100,000), Olmsted County SWCD ($125,000), Healthy Kids Minnesota well testing ($20,000), Minnesota Management Analysis and Development ($31,000)
- FY24-25 (anticipated): Olmsted County SWCD ($100,000), Horizon Public Health ($100,000). Six phase I grants for well testing ($600,000), UMN Water Resources Center ($440,000), UMN Center for Changing Landscapes ($325,000)

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	
FY12-13	
FY14-15	1.0
FY16-17	2.5
FY18-19	2.5
FY20-21	2.75
FY22-23	
FY24-25	2.3
FY26-27	

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FY26-27 CLEAN WATER FUND PROPOSAL

Source Water Protection	
MDH	Program Number: 24
Program Contact Name: **Sandeep Burman and Steve Robertson**	Phone: **651-201-4648**
Contact E-mail Address: **steve.robertson@state.mn.us**	
Person filling out form: **Steve Robertson**	Phone: **651-201-4648**
Person filling out form e-mail address **steve.robertson@state.mn.us**	

Purpose

The Source Water Protection Program at MDH takes a collaborative, science-based approach to protect sources of drinking water and protect the health of public water system customers. The Source Water Protection Program delineates protection areas around drinking water sources, called Drinking Water Supply Management Areas (DWSMAs), and supports local planning to prevent drinking water contamination. This planning process is tied to financial assistance programs to facilitate local implementation within the DWSMA. The Source Water Protection Program conducts an ambient monitoring program to monitor and address emerging threats to drinking water, such as PFAS, manganese, 1,4-dioxane, and cyanazine.

Webpage

- Source Water Protection Planning and Grants (www.health.state.mn.us/communities/environment/water/cwf/dwpcwf.html)
- Protecting Vulnerable Drinking Water Sources (www.health.state.mn.us/communities/environment/water/cwf/protecting.html)
- Source Water Protection Web Map Viewer (www.health.state.mn.us/communities/environment/water/swp/mapviewer.html)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

The Source Water Protection Program continues to conduct source water protection work at the local level, in conjunction with public water systems. At the same time, MDH is working to integrate these activities with those of partners and stakeholders to increase the acceptance, effectiveness, and efficacy of implementation efforts. Core activities continue to focus on proactive planning and targeted implementation to protect groundwater and surface water sources of drinking water. Future needs require more emphasis on characterizing water quality conditions of these sources. This information is needed to improve management and mitigation efforts to protect and improve drinking water supplies.

PRIOR APPROPRIATIONS	
FY10-11	$2,400,000
FY12-13	$2,830,000
FY14-15	$3,230,000
FY16-17	$3,800,000
FY18-19	$5,470,000
FY20-21	$5,494,000
FY22-23	$7,884,000
FY24-25	$7,500,000
TOTAL APPROPRIATED TO DATE	**$38,608,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

[Don't fill out the FY26-27 until you receive agency approval. We will update the form at that time.]

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Drinking Water Source Protection Vision: Drinking water is safe for everyone, everywhere in Minnesota.

Goal 1: Public water systems

- Strategy: Identify and reduce risks to drinking water sources by investing in technical training, planning, coordination, and source water protection grants.
- Action: Assist public water suppliers in completing Drinking Water Source Protection Plans (DWSPPs) and support implementation projects listed in the plans.

Additionally, partners use many of the program work products to direct their resources and programmatic activities in a manner that positively affects drinking water sources. Many of these partner efforts are represented by other strategies in the plan.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

- Engage community public water systems in source water protection planning and implementation.
- Update Source Water Assessments for all community public water systems using surface water by 2027.
- Complete source water protection planning for surface water systems by 2028.
- Provide financial assistance to facilitate source water protection implementation through grants.

- Implement Drinking Water Ambient Monitoring program to characterize risk profile of drinking water sources to new and emerging contaminants.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Yes. MDH receives funding from the EPA to support source water protection. That support has been static for years. CWF support has allowed MDH to accelerate and expand the reach of the state's source water protection efforts.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." ***Indicate if this proposal will supplement or supplant previous funding.***

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

MDH uses CWF appropriations to support three grant programs for public water systems. In FY22-23, over 300 grants were issued, totaling over $2M. Table 1 (appended) provides detail on some of the grants completed.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	7.0
FY12-13	10.0
FY14-15	11.0
FY16-17	11.0
FY18-19	13.0
FY20-21	14.0
FY22-23	14.0
FY24-25	16.0
FY26-27	

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Table 1. Source Water Protection Grants, 2022-2023

Year	Grant Type	County	Recipient	Recipient Type	Project Manager	Project Overview	Start Date	End Date	Funding Amount	Status
2022	Competitive	Anoka	City of Andover	Local/Regional Government	David Berkowitz	Design and install stormwater pretreatment practices.	7/15/2022	8/16/2023	10000	Completed
2022	Competitive	Big Stone	City of Beardsley	Local/Regional Government	Jackie Homan	Explore options to drill new well to replace existing well with high manganese.	1/14/2022	12/12/2022	5625	Completed
2022	Competitive	Carlton	City of Moose Lake	Local/Regional Government	Philip Entner	Hydro clean and apply PE liner to inside of lift station. (Phase 2)	7/15/2022	8/17/2023	4500	Completed
2022	Competitive	Carver	GreyStone Mobile Home Park	Local/Regional Government	Dianne Griffith	Install manganese treatment	1/14/2022	6/13/2023	10000	Completed
2022	Competitive	Crow Wing	Crow Wing Estates	Local/Regional Government	Ruth Olding	Purchase generator. Includes wiring, switch gear/natural gas hookup. Concrete pad.	7/15/2022	2/27/2023	5982.5	Completed
2022	Competitive	Faribault	City of Minnesota Lake	Local/Regional Government	John Hawker	Purchase generator	1/14/2022	5/18/2022	10000	Completed
2022	Competitive	Goodhue	City of Kenyon	Local/Regional Government	Mark Vahlsing	Purchase and installation of pressure transducer fiber and electronic components	1/14/2022	11/10/2022	3845.03	Completed
2022	Competitive	Grant	City of Barrett	Local/Regional Government	Marita Rhude	Purchase and install generator. (Phase 2)	7/15/2022	5/24/2023	4894.93	Completed
2022	Competitive	Hennepin	City of Richfield	Local/Regional Government	Chad Donnelly	Full replacement of security system infrastructure (cameras, switches, transmitters, connectivity, so	7/15/2022	3/20/2023	10000	Completed
2022	Competitive	Hennepin	City of St. Louis Park	Local/Regional Government	Jay Hall	Seal unused wells.	7/15/2022	7/17/2023	10000	Completed
2022	Competitive	Meeker	City of Eden Valley	Local/Regional Government	Cindy Anderson	Purchase a generator	1/14/2022	9/6/2022	10000	Completed
2022	Competitive	Mille Lacs	City of Bock	Local/Regional Government	Roger Girard	Install security fence (Phase 2)	7/15/2022	8/22/2022	4401	Completed
2022	Competitive	Mille Lacs	City of Onamia	Local/Regional Government	Gene Falconer	Exploratory boring for new municipal Well #5 test well. (Phase 2)	7/1/2022	8/29/2023	8936	Completed
2022	Competitive	Mille Lacs	City of Princeton Public Utilities	Local/Regional Government	Keith Butcher	Conduct PCSI.	7/15/2022	2/24/2023	2138.75	Completed
2022	Competitive	Nobles	City of Worthington Public Utilities	Local/Regional Government	Eric Roos	Replacement of Production Well.	7/15/2022	8/30/2024	10000	Amending
2022	Competitive	Pipestone	City of Edgerton	Local/Regional Government	Doug Brands	Provide first half of annual rent payment (2020-2021) to landowner to allow city to implement nitro	1/14/2021	3/7/2022	10000	Completed
2022	Competitive	Pipestone	City of Edgerton	Local/Regional Government	Doug Brands	Provide second half of annual rent Payment (2022-2023) to landowner to allow city to implement n	7/1/2022	10/17/2022	10000	Completed
2022	Competitive	Pipestone	City of Pipestone	Local/Regional Government	Joel Adelman	Install shallow monitoring well and collect groundwater data. (Phase 2)	1/14/2022	3/21/2022	7066.89	Completed
2022	Competitive	Pipestone	City of Pipestone	Local/Regional Government	Joel Adelman	Collect/analyze data to better define potential groundwater surface interaction near the city's well	7/15/2022	8/17/2023	7107.11	Completed
2022	Competitive	Polk	City of Climax	Local/Regional Government	Jackie Voeller	Connect to rural water system. (Phase 2)	7/15/2022	8/3/2023	10000	Completed
2022	Competitive	Polk	City of Nielsville	Local/Regional Government	Stephanie Abentroth	(Phase 2) Remove and replace 2 metal doors at the pumphouse. Install 6' chain link fences with gate	1/14/2022	9/19/2022	6147.5	Completed
2022	Competitive	Renville	City of Bird Island	Local/Regional Government	Deb Lingl	Seal inactive city well #3. (Phase 3)	1/14/2022	3/7/2022	6375	Completed
2022	Competitive	Rock	Rock County Rural Water	For-Profit Business/Entity	Ryan Holtz	Install a new well in a deep aquifer.	7/1/2022	8/14/2023	10000	Completed
2022	Competitive	Stearns	City of Rockville	Local/Regional Government	Martin Bode	Update PCSI	7/15/2022	5/15/2023	5020	Completed
2022	Competitive	Stearns	City of Roscoe	Local/Regional Government	Donald Albrecht	Install new well. (Phase 2)	7/15/2022	8/30/2024	10000	Amending
2022	Competitive	Stearns	City of Sartell	Local/Regional Government	Jeff Bemboom	Construct Observation well. Transducer and electrical connection.	7/15/2022	11/28/2022	10000	Completed
2022	Competitive	Traverse	City of Browns Valley	Local/Regional Government	Jodi Hook-Hanson	Hire electrician to install security lights and connect generator to wells and water plant.	7/15/2022	4/3/2023	4198	Completed
2022	Competitive	Wadena	City of Sebeka	Local/Regional Government	Cheryl Hahn	Replace aging electrical components in city's pumphouse.	7/15/2022	5/23/2023	6925	Completed
2022	Competitive	Washington	City of Forest Lake	Local/Regional Government	Dave Adams	Purchase and install security fencing around the site proximal to municipal well #5.	1/14/2022	5/23/2022	10000	Completed
2022	Competitive	Washington	Liberty Classical Academy	K-12 Education	Eric Woernle	Seal old well. Drill new well.	7/15/2022	4/5/2023	10000	Completed
2022	Competitive	Wright	City of Otsego	Local/Regional Government	Kurt Neidermeier	Test well drill and water quality sample.	7/1/2022	3/20/2023	10000	Completed
2022	Competitive	Yellow Medicine	City of Hanley Falls	Local/Regional Government	Patricia Savoie	Relocate portion of the storm water system that penetrates the IWMZ.	7/15/2022	8/17/2023	10000	Completed
2022	Competitive	Yellow Medicine	City of Wood Lake	Local/Regional Government	Brenda Dreager	Seal wells #1 and #2. (Phase 2)	7/15/2022	6/13/2023	10000	Completed
2022	Plan Implementation	Anoka	City of Andover	Local/Regional Government	Steve Weinhold	Prepare information to educate property owners within DWSMA. Update PCSI.	11/30/2021	9/19/2022	3599.5	Completed
2022	Plan Implementation	Anoka	City of Centerville	Local/Regional Government	Mark Statz	Locate and seal 3 identified unused wells within the DWSMA.	12/17/2021	12/5/2022	1975	Completed
2022	Plan Implementation	Anoka	City of Lino Lakes	Local/Regional Government	Michael Grochala	Investigate and document 2 wells. Seal 2 wells. (Added a 3rd well)	7/15/2022	2/21/2023	7064	Completed
2022	Plan Implementation	Beltrami	Pine Valley Mobile Home Park	Local/Regional Government	Frank Gehrke	Construct a new well.	6/1/2022	8/31/2023	10000	Completed
2022	Plan Implementation	Benton	Benton Utilities LLC	Non-Profit Business/Entity	Craig Hanson	Correct grade of slope around well #2. Correct grade around well #3. Seal electrical conduit in well #	7/15/2022	8/14/2023	3500	Completed
2022	Plan Implementation	Benton	Fischers Garden Mobile Home Park	Local/Regional Government	Debbie Ihde	Install new well.	11/30/2021	11/21/2022	10000	Completed
2022	Plan Implementation	Big Stone	City of Ortonville	Local/Regional Government	Sam Berger	Hire licensed well driller to seal old municipal well.	11/30/2021	11/7/2022	10000	Completed
2022	Plan Implementation	Blue Earth	City of Mankato	Local/Regional Government	Kyle Hinrichs	Seal the 4th private well within the DWSMA.	12/7/2021	6/13/2022	2185.5	Completed
2022	Plan Implementation	Brown	City of Cobden	Local/Regional Government	Chris Gartner	Seal unused wells in the DWSMA.	11/29/2021	9/14/2022	9379.64	Completed
2022	Plan Implementation	Brown	City of Comfrey	Local/Regional Government	Steven Berberich	Install 200 amp transfer switch and connect to generator.	11/30/2021	9/27/2022	3079.43	Completed
2022	Plan Implementation	Brown	Springfield Public Utilities	Local/Regional Government	Chris Gartner	Seal Old Well 1 (#241530).	11/30/2021	9/14/2022	9205	Completed
2022	Plan Implementation	Carlton	City of Cromwell	Local/Regional Government	Gwen Koecher	Replace controls for the wells.	7/15/2022	8/15/2022	10000	Completed
2022	Plan Implementation	Carlton	City of Moose Lake	Local/Regional Government	Philip Entner	Hydro clean and apply PE liner to inside of lift station.	7/15/2022	11/8/2022	8920	Completed
2022	Plan Implementation	Carver	City of Chaska	Local/Regional Government	Matt Haefner	Spill response planning. PCSI Update. Property owner mailing.	7/15/2022	8/31/2023	9265.66	Completed
2022	Plan Implementation	Clay	John Bouton Housing Development (Dukes Water LLC)	Local/Regional Government	Jared LaDuke	Install backup generator that will run off propane.	12/17/2021	6/23/2022	6543.58	Completed
2022	Plan Implementation	Clay	Spring Prairie Colony	Local/Regional Government	Thomas Wipf	Construct a new well.	6/1/2022	8/2/2023	10000	Completed
2022	Plan Implementation	Crow Wing	City of Baxter	Local/Regional Government	Trevor Thompson	Sanitary sewer utilities will be extended to service existing parcels within the DWSMA.	12/17/2021	8/22/2022	10000	Completed
2022	Plan Implementation	Freeborn	City of Albert Lea	Local/Regional Government	Wayne Sorensen	Perforate well casing. Seal well.	7/15/2022	9/6/2022	10000	Completed
2022	Plan Implementation	Grant	City of Barrett	Local/Regional Government	Marita Rhude	Purchase and install generator.	6/1/2022	5/24/2023	10000	Completed
2022	Plan Implementation	Hennepin	City of Eden Prairie	Local/Regional Government	Rick Wahlen	Public Outreach within DWSMA. ISTS Brochure and Mailing.	2/16/2022	12/14/2022	8814.7	Completed
2022	Plan Implementation	Hennepin	City of Minnetonka	Local/Regional Government	Tom Pletcher	Public Outreach with tanks. Public Outreach with wells. Public Outreach with ISTS.	7/15/2022	5/24/2023	9962.68	Completed
2022	Plan Implementation	Hennepin	City of St. Louis Park	Local/Regional Government	Jay Hall	Seal 5-10 wells.	7/15/2022	8/31/2023	9287.5	Completed
2022	Plan Implementation	Hennepin	Curtis Flats	For-Profit Business/Entity	Lucas Wiborg	Extend existing well casing 18" above ground and provide an approved well cover. Replace pump w	12/21/2021	2/22/2022	7582.35	Completed
2022	Plan Implementation	Kandiyohi	City of Blomkest	Local/Regional Government	Doug Hopp	Install automatic Transfer Switch, generator wiring, electrical permit, commissioning, all wiring, gas	7/15/2022	2/23/2023	10000	Completed
2022	Plan Implementation	Kandiyohi	City of Pennock	Local/Regional Government	Dawn Johnson	Excavate the suspected location of former municipal well. Extension/capping of well casing.	7/15/2022	8/16/2023	540	Completed
2022	Plan Implementation	Kittson	North Kittson Rural Water	Local/Regional Government	Todd Nordine	Seal well #2.	7/15/2022	11/28/2022	3313	Completed
2022	Plan Implementation	Koochiching	City of Northome	Local/Regional Government	Pete Bender	Hire licensed contractor who will provide; Labor & Pump Rig, well abandonment with grout, mobiliz	11/30/2021	10/10/2022	8024.7	Completed
2022	Plan Implementation	Lake of the Woods	Anchor Bay Mobile Home Park	For-Profit Business/Entity	Jeff Poolman	Install a generator and necessary wiring with switch box.	11/30/2021	8/29/2022	10000	Completed
2022	Plan Implementation	Lake of the Woods	City of Baudette	Local/Regional Government	Tina Rennemo	Install new control panel for wells.	6/1/2022	9/14/2022	10000	Completed
2022	Plan Implementation	Lyon	City of Balaton	Local/Regional Government	Josh Torgeson	Purchase and install natural gas powered generator to replace an existing gasoline generator.	7/15/2022	7/13/2023	10000	Completed
2022	Plan Implementation	Mille Lacs	City of Bock	Local/Regional Government	Roger Girard	Install security fence	6/1/2022	8/22/2022	10000	Completed
2022	Plan Implementation	Mille Lacs	City of Onamia	Local/Regional Government	Gene Falconer	Exploratory boring for new municipal Well #5 test well.	7/5/2022	8/29/2023	10000	Completed
2022	Plan Implementation	Morrison	City of Upsala	Local/Regional Government	Michelle Stevens	Purchase and installation set-up for a generator.	11/30/2021	8/29/2022	10000	Completed
2022	Plan Implementation	Mower	City of Racine	Local/Regional Government	Robert Mathias	Seal Former Racine Creamery Well #241036.	7/1/2022	8/29/2023	10000	Completed
2022	Plan Implementation	Murray	City of Lake Wilson	Local/Regional Government	Melanie Vander Schaaf	Hire engineering firm to conduct hydrologic study	12/17/2021	12/15/2022	10000	Awarded
2022	Plan Implementation	Nobles	City of Worthington Public Utilities	Local/Regional Government	Eric Roos	Construction of a new production well to replace well #27.	7/15/2022	8/30/2024	10000	Amending
2022	Plan Implementation	Norman	City of Halstad	Local/Regional Government	Lucas Spaeth	Replace sewer lines at 3 residences.	6/1/2022	8/30/2024	10000	Amending
2022	Plan Implementation	Olmsted	City of Byron	Local/Regional Government	Tom Ricke	Seal abandoned well	12/17/2021	9/19/2022	4500	Completed
2022	Plan Implementation	Olmsted	City of Dover	Local/Regional Government	Gary Pedersen	Phase 2 to purchase and install generator.	12/17/2021	11/28/2022	10000	Completed
2022	Plan Implementation	Otter Tail	City of Parkers Prairie	Local/Regional Government	Beth Wussow	Installation of cement pad in wellhouse. Electrical prep work for generator. Gas line prep work for g	7/15/2022	8/14/2023	8000	Completed
2022	Plan Implementation	Pipestone	City of Edgerton	Local/Regional Government	Doug Brands	Supplemental CRP payments to a local land owner.	12/16/2021	4/4/2022	3000	Completed
2022	Plan Implementation	Pipestone	City of Pipestone	Local/Regional Government	Joel Adelman	Collect and analyze groundwater data. (Phase 3)	6/1/2022	7/11/2022	9234.82	Completed
2022	Plan Implementation	Pipestone	City of Pipestone	Local/Regional Government	Joel Adelman	Monitoring well installation and GW data collection.	11/30/2021	1/31/2022	10000	Completed
2022	Plan Implementation	Polk	City of Climax	Local/Regional Government	Jackie Voeller	Connect to rural water system.	6/1/2022	8/3/2023	10000	Completed
2022	Plan Implementation	Ramsey	City of North St. Paul	Local/Regional Government	Ron Ritchie	Update the City's GIS story map. Contact well owners and Realtors via mailings to educate them on	11/30/2021	12/15/2022	7990.25	Completed
2022	Plan Implementation	Ramsey	City of Vadnais Heights	Local/Regional Government	Jim Hauth	Provide educational materials about wells in Story Map. Provide educational materials to residents	7/15/2022	1/29/2024	8765	Completed
2022	Plan Implementation	Red Lake	City of Plummer	Local/Regional Government	Margaret Peterson	Seal unused well.	11/30/2021	1/3/2022	1270	Completed
2022	Plan Implementation	Redwood	City of Walnut Grove	Local/Regional Government	Paula McGarvey	Wire generator for hook up to well. Replace hydrant pressure relief valves (Task 2 N/A)	11/30/2021	9/12/2022	6163	Completed
2022	Plan Implementation	Renville	City of Bird Island	Local/Regional Government	Deb Lingl	Seal inactive city well #3. (Phase 2)	12/17/2021	3/8/2022	10000	Completed
2022	Plan Implementation	Renville	City of Buffalo Lake	Local/Regional Government	Dave Kienitz	Purchase and install 2 transducers for 2 wells.	6/1/2022	8/29/2022	5019.35	Completed
2022	Plan Implementation	Rock	Rock County Rural Water	For-Profit Business/Entity	Ryan Holtz	Drill a test well and conduct necessary water testing to help select the location for a new public sup	1/6/2022	12/6/2022	10000	Completed

Table 1. Source Water Protection Grants, 2022-2023

2022	Plan Implementation	Roseau	Lakewood Park & Sales	For-Profit Business/Entity	Sharon Klassen	Purchase and install generator.	7/15/2022	8/29/2023	7800 Completed
2022	Plan Implementation	Sibley	City of Gibbon	Local/Regional Government	Dana Lietzau	Purchase of static level monitoring equipment	11/30/2021	9/26/2022	1028 Completed
2022	Plan Implementation	St. Louis	City of Gilbert	Local/Regional Government	Jill Zallar	Connect a residential home to city sewer.	11/30/2021	8/15/2022	10000 Completed
2022	Plan Implementation	Stearns	City of Avon	Local/Regional Government	Jodi Austing-Traut	Sponsor Middle Spunk Water Festival. Perform updates and maintenance on city's website. Commu	12/16/2021	12/6/2022	2613.26 Completed
2022	Plan Implementation	Stearns	City of Paynesville	Local/Regional Government	Ron Mergen	Install transfer switch, electrical work, natural gas for future generator. Concrete pad for generator.	6/1/2022	8/29/2022	9150 Completed
2022	Plan Implementation	Stearns	City of Roscoe	Local/Regional Government	Donald Albrecht	Install new well.	7/15/2022	8/30/2024	10000 Amending
2022	Plan Implementation	Stearns	City of Sartell	Local/Regional Government	Jeff Bemboom	Seal well #13 (680527).	7/15/2022	10/6/2022	7725 Completed
2022	Plan Implementation	Stearns	City of St. Cloud	Local/Regional Government	Noah Czech	Storm Drain Art Implementation. Storm Drain Art Supplies and Materials. Art/Adopt-a-Drain public	6/1/2022	8/29/2022	10000 Completed
2022	Plan Implementation	Stearns	Clearwater Forest Mobile Home Park	Non-Profit Business/Entity	Wanda Somers	Purchase and installation of a generator and switch.	12/8/2021	7/13/2022	8984.88 Completed
2022	Plan Implementation	Stearns	Sauk Centre Public Utilities	Local/Regional Government	Debbie Boyer	Investigate potential sites for a future water supply well. Test drill and test pump site to confirm sit	11/30/2021	12/12/2022	10000 Completed
2022	Plan Implementation	Steele	City of Ellendale	Local/Regional Government	Steve Engel	Seal an old unused well.	12/6/2021	8/15/2021	1514 Completed
2022	Plan Implementation	Traverse	City of Browns Valley	Local/Regional Government	Jodi Hook-Hansen	Wellhead Protection newspaper article. Seal 2 private wells. Seal old municipal wells/test wells. Mai	6/1/2022	3/3/2023	9425 Completed
2022	Plan Implementation	Wabasha	City of Wabasha Public Utilities	Local/Regional Government	Pat Mueller	Rehab/Rebuild city well #1.	7/15/2022	8/31/2023	10000 Completed
2022	Plan Implementation	Washington	City of Bayport	Local/Regional Government	Matthew Kline	Purchase and install generator.	6/1/2022	4/25/2023	10000 Completed
2022	Plan Implementation	Winona	City of Altura	Local/Regional Government	Dan Horvat	Prep work for installing back-up generator including pad, electrical wiring, and transfer switch.	7/15/2022	2/7/2023	9980 Completed
2022	Plan Implementation	Winona	City of Utica	Local/Regional Government	Dan Horvat	Hire engineer/consultant for a new well.	7/15/2022	8/2/2023	10000 Completed
2022	Plan Implementation	Wright	City of Otsego	Local/Regional Government	Kurt Neidermeier	Drill and test for water quality and capacity for a potential new water source.	7/15/2022	3/2/2023	10000 Completed
2022	Plan Implementation	Yellow Medicine	City of Canby	Local/Regional Government	Rebecca Scrupp	Distribute a WHP newsletter to residents. Seal old wells and test wells. Install a security door on the	6/1/2022	12/15/2023	1058.44 Completed
2022	Plan Implementation	Yellow Medicine	City of Hanley Falls	Local/Regional Government	Patty Savoie	Upgrading storm sewer system.	6/1/2022	8/17/2023	10000 Completed
2022	Plan Implementation	Yellow Medicine	City of Wood Lake	Local/Regional Government	Brenda Dreager	Seal abandoned wells #1 and #2. (Phase 1)	7/15/2022	6/13/2023	10000 Completed
2022	Transient	Aitkin	T-Bones Kansas City Style BBQ	For-Profit Business/Entity	Tyrus Twaddle	Construct a new well. Seal well #668797.	1/14/2022	12/13/2022	3018.75 Completed
2022	Transient	Carlton	Spring Oaks Campground	For-Profit Business/Entity	Tom Enger	Construct a new well. Seal well #817187.	12/20/2021	12/5/2022	7784.04 Completed
2022	Transient	Cook	Big Bear Lodge	For-Profit Business/Entity	Andrew Delisi	Drill and construct a new well	12/6/2021	8/3/2022	10000 Completed
2022	Transient	Cook	Nor'Wester Lodge & Canoe	For-Profit Business/Entity	Luana Brandt	New well hydrofracking and related well completion work.	6/1/2022	8/31/2023	6027.23 Completed
2022	Transient	Dodge	Zumbro Valley Rec Center	For-Profit Business/Entity	Ted Smith	Use landscape boulders to provide a protective barrier to the well.	12/20/2021	9/7/2022	1641.39 Completed
2022	Transient	Fillmore	Whalan Lutheran Church	Non-Profit Business/Entity	James Haugen	Drill new well. Seal existing well.	12/20/2021	10/4/2022	10000 Completed
2022	Transient	Freeborn	Lunder Lutheran Church	Non-Profit Business/Entity	Roger Larson	Extend casing, new submersible pump, new tank and switches, fill in pit.	6/1/2022	8/31/2023	4394 Completed
2022	Transient	Kandiyohi	St. John's Lutheran Church	Non-Profit Business/Entity	Michael Pickle	Construct a new well	12/27/2021	10/4/2022	3119 Completed
2022	Transient	Mcleod	King Motel	For-Profit Business/Entity	Rick Bestul	Connect to city water. Seal well Unique #263951	6/1/2022	12/5/2022	9493 Completed
2022	Transient	Mcleod	St. Matthew's Lutheran Church	Non-Profit Business/Entity	Dale Wildey	Replace septic system.	6/1/2022	9/7/2022	9115 Completed
2022	Transient	Morrison	Fellowship Bible Church - Pierz	Non-Profit Business/Entity	Katie Boser	Capping and sealing an existing well.	7/15/2022	8/31/2023	475 Completed
2022	Transient	Otter Tail	St. Paul's Lutheran Church	Non-Profit Business/Entity	Myron Gunderson	Install a HT89DF-250 Anion Exchange System for nitrate removal.	12/17/2021	4/17/2022	2195 Completed
2022	Transient	Polk	Maple Lake Resort Ranch	For-Profit Business/Entity	Michael Pierce	Construct a new well.	12/20/2021	9/12/2022	9136.23 Completed
2022	Transient	St. Louis	Big Lake Wilderness Lodge	For-Profit Business/Entity	Charles Huber	Construct a new well.	6/1/2022	11/16/2023	8740.5 Completed
2022	Transient	St. Louis	Handberg's Marine Inc.	For-Profit Business/Entity	Scott Sanborn	Drill a new well	12/20/2021	6/27/2022	9695 Completed
2022	Transient	St. Louis	McCarthy Beach State Park MDNR	State Government	Dawn Voges	Capping and sealing 2 non-conforming wells. (#267307 & #482936)	6/16/2022	8/16/2023	1172.5 Completed
2022	Transient	St. Louis	Northernair Lodge	For-Profit Business/Entity	George Nall	Construct 2 new wells. Connect wells to current distribution system.	12/20/2021	12/5/2022	10000 Completed
2022	Transient	St. Louis	The Landing	Local/Regional Government	Matthew Litherland	Drill a new well	12/17/2021	12/14/2022	10000 Completed
2022	Transient	St. Louis	White Eagle Resort	For-Profit Business/Entity	Tom Lantry	Drill new well, pump, and pressure tank to replace well #4 Osprey (827575).	6/1/2022	6/12/2023	7073.13 Completed
2022	Transient	Waseca	Pleasant Grove Pizza Farm	For-Profit Business/Entity	Emily Knudson	Well construction	12/20/2021	10/31/2022	8652.5 Completed
2022	Transient	Washington	Historic John P. Furber Farm LLC	Non-Profit Business/Entity	Wayne Butt	Installation of nitrate reduction treatment device.	6/1/2022	6/13/2022	4899 Completed
2022	Transient	Washington	Two Silo Farmhouse Resort and Vineyard	For-Profit Business/Entity	Keith Dehnert	Construction of a new well. Seal existing well.	12/17/2021	12/14/2022	9057.5 Completed
2023	Competitive	Aitkin	City of McGregor	Local/Regional Government	Brittany Sorensen	Purchase a generator (Phase 2)	1/15/2023	8/31/2024	10000 Awarded
2023	Competitive	Anoka	City of Fridley	Local/Regional Government	Annie Olson	Seal unused/privately owned wells.	1/15/2023	2/15/2024	725 Completed
2023	Competitive	Anoka	Star of the North Academy	K-12 Education	Eman Ibrahim	Purchase and install back-up generator.	9/7/2023	12/15/2024	10000 Awarded
2023	Competitive	Beltrami	Elpine Village	Non-Profit Business/Entity	Donald Clay	Purchase and installation of a generator (Phase 2)	1/3/2023	8/31/2024	2590 Awarded
2023	Competitive	Beltrami	Schoolcraft Learning Community	K-12 Education	Robert Kiewatt	Installation of (Reduced Pressure Zone) RPZ valve to protect water source	1/15/2023	3/14/2023	1395 Completed
2023	Competitive	Blue Earth	City of Amboy	Local/Regional Government	Patty Smith	Wellhead casing extension and construction work.	8/24/2023	12/15/2024	4450 Completed
2023	Competitive	Clearwater	City of Bagley	Local/Regional Government	Bill Masterson	Purchase and installation of a back-up generator and necessary wiring. (Phase 2)	8/28/2023	1/8/2024	10000 Completed
2023	Competitive	Cottonwood	Mountain Lake Utilities	Local/Regional Government	Michael Mueller	Locate a new well. (Phase 2)	1/3/2023	11/28/2023	10000 Completed
2023	Competitive	Crow Wing	Nelsons East Shore Landing	For-Profit Business/Entity	Jake Freeman	Construct a new well	1/3/2023	8/31/2024	10000 Awarded
2023	Competitive	Crow Wing	Riverview North Apartments	Non-Profit Business/Entity	Becky LaPlante	Drill and connect new back-up well. (Phase 2)	8/31/2023	1/29/2024	2893.57 Completed
2023	Competitive	Goodhue	City of Zumbrota	Local/Regional Government	Mike Olson	Sealing of private well.	8/28/2023	12/15/2024	2250 Awarded
2023	Competitive	Kandiyohi	City of Blomkest	Local/Regional Government	Doug Hopp	Purchase and installation of a generator. (Phase 2)	8/28/2023	2/27/2024	6987.5 Completed
2023	Competitive	Kandiyohi	City of Pennock	Local/Regional Government	Dawn Johnson	Seal old municipal well (Phase 2)	1/3/2023	7/25/2023	8000 Completed
2023	Competitive	Le Sueur	City of Elysian	Local/Regional Government	Lorri Kopischke	Purchase a generator (Phase 2)	9/1/2023	12/15/2024	10000 Awarded
2023	Competitive	Lyon	City of Balaton	Local/Regional Government	Josh Torgeson	Purchase a natural gas powered generator to replace an existing gasoline generator. (Phase 2)	1/3/2023	7/13/2023	7500 Completed
2023	Competitive	Lyon	City of Tracy	Local/Regional Government	Shane Daniels	Televise and Rehab Well #6	1/15/2023	5/6/2024	10000 Completed
2023	Competitive	Marshall	City of Argyle	Local/Regional Government	Tamara Benitt	Install a secondary well (Phase 2)	1/18/2023	8/31/2024	10000 Awarded
2023	Competitive	Meeker	Believer's Fellowship Mennonite Church	Non-Profit Business/Entity	Jason Yutzy	Construct new well. Seal existing well.	8/30/2023	12/15/2024	8255.1 Awarded
2023	Competitive	Morrison	City of Bowlus	Local/Regional Government	Joseph Sobania	Hire consulting firm to provide professional engineering and hydro-geotechnical analysis for municip	8/22/2023	12/15/2024	5000 Awarded
2023	Competitive	Morrison	City of Little Falls	Local/Regional Government	Dwayne Heinen	Rework water Dept. door locks. Water plant card readers. Door alarm replacement.	1/18/2023	4/24/2024	6546.75 Completed
2023	Competitive	Morrison	City of Royalton	Local/Regional Government	Leah Walberg	Purchase and installation of a generator (Phase 2)	1/3/2023	8/31/2024	10000 Awarded
2023	Competitive	Morrison	City of Upsala	Local/Regional Government	Jane Popp	Hire a well driller to complete exploratory drilling and water quality sampling (Phase 2)	1/15/2023	3/28/2023	8962.5 Completed
2023	Competitive	Morrison	City of Upsala	Local/Regional Government	Jane Popp	Complete additional exploratory drilling and water quality sampling to locate an alternative well site	8/28/2023	12/15/2024	10000 Awarded
2023	Competitive	Nicollet	Wis-Pak, Inc.	For-Profit Business/Entity	Brandon Hanevik	Seal well #1.	8/28/2023	12/15/2024	10000 Awarded
2023	Competitive	Norman	City of Hendrum	Local/Regional Government	Keri Plemmons	Preparation, purchase and installation of a generator (Phase 2)	1/3/2023	8/31/2024	10000 Awarded
2023	Competitive	Otter Tail	City of Battle Lake	Local/Regional Government	Chris Johnson	Replace 2 security doors on the water plant.	9/8/2023	12/15/2024	3088 Awarded
2023	Competitive	Otter Tail	City of Elizabeth	Local/Regional Government	Angela Peterson	Purchase and install a generator (Phase 2)	1/15/2023	8/31/2024	10000 Awarded
2023	Competitive	Otter Tail	City of Parkers Prairie	Local/Regional Government	Beth Wussow	Purchase generator for well house. (Phase 2)	8/28/2023	8/30/2023	10000 Completed
2023	Competitive	Pipestone	City of Edgerton	Local/Regional Government	Doug Brands	Provide the first half annual rent payment (2022-2023) to landowner to allow city to implement nitr	1/3/2023	3/6/2023	10000 Completed
2023	Competitive	Pipestone	City of Edgerton	Local/Regional Government	Doug Brands	1)Provide the second half of annual rent payment (2023) to landowner to allow city to implement n	8/28/2023	12/5/2023	10000 Completed
2023	Competitive	Redwood	Moccasin Springs Well Association	Non-Profit Business/Entity	Rick Morris	Move pressure tanks, valves, meters for well #5 to a building above ground and fill in pit.	1/3/2023	8/31/2024	9165 Awarded
2023	Competitive	Scott	Bonnevista Terrace Mobile Home Park	Non-Profit Business/Entity	Shamim Buck	Installation of an automatic transfer switch and disconnect, generator wiring, concrete pad, electric	8/28/2023	2/21/2024	10000 Completed
2023	Competitive	Sherburne	City of Big Lake	Local/Regional Government	Deb Wegeleben	Automatic transfer switch, electrical work, LP connection, and other supporting equipment necessa	1/15/2023	9/26/2023	10000 Completed
2023	Competitive	Sibley	City of Gibbon	Local/Regional Government	Dana Lietzau	Purchase and connect a back-up generator (Phase 1)	1/15/2023	8/31/2024	10000 Awarded
2023	Competitive	St. Louis	YMCA Camp Northern Lights	Non-Profit Business/Entity	Dan O'Brien	Seal unused well.	1/31/2023	11/10/2023	3712.5 Completed
2023	Competitive	Stearns	City of Brooten	Local/Regional Government	Jeanne Kinne	Construct a new well. (Phase 2)	1/3/2023	8/31/2024	10000 Awarded
2023	Competitive	Stearns	City of Paynesville	Local/Regional Government	Ron Mergen	Purchase and install a generator (Phase 2)	1/15/2023	8/31/2024	10000 Awarded
2023	Competitive	Stearns	City of St. Joseph	Local/Regional Government	Ryan Wensmann	Update PCSI, locate feedlots and unpermitted dump site.	1/17/2023	8/30/2023	4700 Completed
2023	Competitive	Todd	A Daughter's Love	For-Profit Business/Entity	Carla Platzer	Drill a new well and electrical work. Seal existing well.	8/28/2023	2/13/2024	3123.76 Completed
2023	Competitive	Todd	City of Eagle Bend	Local/Regional Government	James Gaida	Purchase and install automatic transfer switch and disconnect, generator wiring and generator. (Pha	8/30/2023	12/15/2024	4052.32 Awarded
2023	Competitive	Traverse	City of Browns Valley	Local/Regional Government	Jodi Hook-Hansen	Hire licensed well driller to complete a deep boring to determine if a deep aquifer exists near Brown	8/28/2023	5/20/2024	10000 Completed
2023	Competitive	Wabasha	City of Elgin	Local/Regional Government	Tyler Meyers	Purchase and install automatic transfer switch and disconnect, generator wiring and generator. (Phase 2)		12/15/2024	10000 Awarded
2023	Competitive	Washington	City of Forest Lake	Local/Regional Government	Dave Adams	Construction of monitoring well	1/15/2023	1/12/2024	10000 Completed

Table 1. Source Water Protection Grants, 2022-2023

2023	Competitive	Winona	City of Altura	Local/Regional Government	Dan Horvat	Purchase and install generator (Phase 2)	1/15/2023	7/26/2023	10000	Completed
2023	Competitive	Wright	City of South Haven	Local/Regional Government	Melissa Stenson	Construct 2 new municipal wells with a capacity of 65 gpm each.	8/22/2023	12/15/2023	10000	Awarded
2023	Plan Implementation	Aitkin	City of McGregor	Local/Regional Government	Brittany Sorensen	Purchase a generator	1/15/2023	12/6/2023	10000	Completed
2023	Plan Implementation	Anoka	City of Circle Pines	Local/Regional Government	Chandra Peterson	Homeowners well sealing program in DWSMA.	6/15/2023	8/30/2024	10000	Awarded
2023	Plan Implementation	Anoka	City of Coon Rapids	Local/Regional Government	Tim Himmer	Update PCSI	6/15/2023	8/30/2024	8525	Awarded
2023	Plan Implementation	Anoka	DaVinci Academy of Arts and Science	K-12 Education	Cassandra Anderson	Purchase 2 Watershed tables, storage cases, additional reagents. Purchase 20 Awesome aquifer kits	6/15/2023	3/27/2024	4559.42	Completed
2023	Plan Implementation	Beltrami	Elpine Village	Non-Profit Business/Entity	Donald Clay	Purchase and installation of a generator. Including automatic transfer switch, wiring, concrete pad,	12/1/2022	8/31/2024	10000	Amending
2023	Plan Implementation	Benton	City of Rice	Local/Regional Government	Julie Fandel	Next phase of analysis for test drilling and installation of monitor wells for the installation of produc	1/15/2023	10/19/2023	10000	Completed
2023	Plan Implementation	Brown	City of Cobden	Local/Regional Government	Chris Gartner	Seal unused wells in DWSMA	1/15/2023	10/6/2023	9519.55	Completed
2023	Plan Implementation	Carlton	City of Moose Lake	Local/Regional Government	Philip Entner	Repair concrete lift station and line the inside with polyethylene. (Phase 3)	6/15/2023	8/17/2024	10000	Completed
2023	Plan Implementation	Cass	City of Backus	Local/Regional Government	Ann Swanson	Purchase and installation of fencing.	12/1/2022	8/31/2023	10000	Completed
2023	Plan Implementation	Cass	City of Cass Lake	Local/Regional Government	Sue Uhrinak	Purchase and install new doors on the well house. Create an article on the importance of WHP and	1/15/2023	11/16/2023	4850	Completed
2023	Plan Implementation	Cass	East Pointe Townhomes	For-Profit Business/Entity	Dan Lewandowski	Seal South Well (#465740) and seal the dead end, stagnant line caused by removal of Well #465740	6/15/2023	12/22/2023	6094	Completed
2023	Plan Implementation	Chisago	Shorewood Park Association	Non-Profit Business/Entity	John Maher	Drill a new well and move underground water lines to new well	1/15/2023	6/15/2024	10000	Amending
2023	Plan Implementation	Clay	City of Barnesville	Local/Regional Government	Charlie Revering	Purchase and install security cameras. Provide a map of the DWSMA to local Fire Dept., City Street I	6/12/2023	8/30/2024	3050	Awarded
2023	Plan Implementation	Clearwater	City of Bagley	Local/Regional Government	Bill Masterson	Purchase and install back-up generator and necessary wiring (Phase 1)	6/15/2023	2/8/2024	10000	Completed
2023	Plan Implementation	Cottonwood	Mountain Lake Utilities	Local/Regional Government	Michael Mueller	Determine location for a new well.	12/1/2022	11/28/2023	10000	Completed
2023	Plan Implementation	Crow Wing	City of Cuyuna	Local/Regional Government	William (Bill) Bedard	Hire consultant to provide professional engineering and analysis for site selection options for additi	1/15/2023	11/28/2023	10000	Completed
2023	Plan Implementation	Crow Wing	Riverview North Apartments	Non-Profit Business/Entity	Becky LaPlante	Drill a new well.	6/15/2023	1/29/2024	10000	Completed
2023	Plan Implementation	Crow Wing	Supreme Mobile Home Park	For-Profit Business/Entity	Dennis Ogren	Installation of an automatic transfer switch and disconnect, wiring, concrete pad, electrical permit,	12/1/2022	7/27/2023	8710	Completed
2023	Plan Implementation	Dakota	Lexington Riverside Condominium Association	Non-Profit Business/Entity	Kara Skjold	Place at least three 1 1/2 - 2 ft. diameter boulders as protective barriers around each of 2 wellheads	1/15/2023	11/6/2023	5000	Completed
2023	Plan Implementation	Douglas	Farwell Kensington Sanitary District for City of Kensington	Local/Regional Government	Jennifer Kangas	Seal well located in ERA. Work with city attorney to add cross connections, and water/sewer hook u	6/15/2023	8/30/2024	10000	Awarded
2023	Plan Implementation	Faribault	City of Kiester	Local/Regional Government	Gary Skartland	Remove pump and seal well	1/15/2023	11/13/2023	4195	Completed
2023	Plan Implementation	Goodhue	City of Dennison	Local/Regional Government	Jeffrey Flaten	Replace exterior door on the wellhouse.	1/15/2023	4/5/2023	4820	Completed
2023	Plan Implementation	Goodhue	City of Goodhue	Local/Regional Government	Jason Mandelkow	Host a Nitrate Testing Clinic and education materials. Install Nitrogen Best Management Practice (BI	6/15/2023	8/30/2024	10000	Awarded
2023	Plan Implementation	Hennepin	City of Richfield	Local/Regional Government	Mattias Oddsson	Development, printing, and distribution of an information packet to properties with potential Class	6/15/2023	8/30/2024	2962.4	Awarded
2023	Plan Implementation	Hubbard	City of Akeley	Local/Regional Government	Kristi Kath	Purchase a generator	1/15/2023	12/13/2023	10000	Completed
2023	Plan Implementation	Hubbard	City of Park Rapids	Local/Regional Government	Scott Burlingame	Remove 2 underground fuel oil tanks.	6/15/2023	10/4/2024	10000	Completed
2023	Plan Implementation	Isanti	City of Braham	Local/Regional Government	Rachel Kytonen	Hire consulting firm to complete geologic assessment and identify potential well site	1/15/2023	12/15/2023	10000	Completed
2023	Plan Implementation	Kandiyohi	City of Blomkest	Local/Regional Government	Doug Hopp	Purchase and install generator (Phase 1)	6/15/2023	2/27/2024	10000	Completed
2023	Plan Implementation	Kandiyohi	City of Pennock	Local/Regional Government	Dawn Johnson	Seal old municipal well	1/15/2023	7/15/2023	10000	Completed
2023	Plan Implementation	Lake of the Woods	City of Baudette	Local/Regional Government	Tina Rennemo	Purchase and install a new master water meter	1/15/2023	8/2/2023	10000	Completed
2023	Plan Implementation	Le Sueur	City of Elysian	Local/Regional Government	Lorri Kopischke	Purchase and installation of transfer switch. Generator site prep and pad construction. Natural gas l	6/15/2023	8/30/2023	10000	Awarded
2023	Plan Implementation	Marshall	City of Argyle	Local/Regional Government	Tamara Benitt	Drill a secondary well.	1/15/2023	8/31/2024	10000	Amending
2023	Plan Implementation	Marshall	City of Warren	Local/Regional Government	Mike Novacek	Purchase and install SCADA.	6/15/2023	8/30/2024	10000	Awarded
2023	Plan Implementation	Meeker	City of Buffalo Lake	Local/Regional Government	Dave Kienitz	Seal a former Railroad Well.	6/15/2023	8/31/2023	2500	Completed
2023	Plan Implementation	Mille Lacs	City of Milaca	Local/Regional Government	Gary Kirkeby	Seal Dug North Well Unique #00241012. Concrete pad.	12/1/2022	11/7/2023	9682.3	Completed
2023	Plan Implementation	Morrison	City of Bowlus	Local/Regional Government	Joseph Sobania	Hire Engineer to conduct Hydro-Geotech study for potential well site.	6/15/2023	8/30/2024	10000	Awarded
2023	Plan Implementation	Morrison	City of Royalton	Local/Regional Government	Leah Walberg	Purchase and installation of a generator	1/15/2023	8/31/2024	10000	Amending
2023	Plan Implementation	Morrison	City of Upsala	Local/Regional Government	Jane Popp	Complete additional exploratory drilling and water quality sampling (Phase 1).	6/15/2023	8/30/2024	10000	Awarded
2023	Plan Implementation	Morrison	City of Upsala	Local/Regional Government	Jane Popp	Hire well driller to complete exploratory drilling and water quality sampling.	1/15/2023	3/28/2023	10000	Completed
2023	Plan Implementation	Mower	City of Rose Creek	Local/Regional Government	Kristine Allas	Pull pump and video log Well #2.	6/15/2023	8/30/2024	10000	Awarded
2023	Plan Implementation	Nobles	City of Adrian	Local/Regional Government	Sheri Platt	Seal private well. Provide incentives for nutrient management practices.	12/1/2022	12/4/2023	8625	Completed
2023	Plan Implementation	Nobles	City of Ellsworth	Local/Regional Government	Dawn Huisman	Seal 2 wells located within the DWSMA. Provide financial incentives for the implementation of nutri	6/15/2023	8/30/2024	10000	Awarded
2023	Plan Implementation	Norman	City of Hendrum	Local/Regional Government	Keri Plemmons	Purchase and install a generator	12/1/2022	11/20/2023	10000	Completed
2023	Plan Implementation	Olmsted	City of Oronoco	Local/Regional Government	Sunny Bjorklund Schultz	Seal wells within the DWSMA.	6/22/2023	8/30/2024	10000	Awarded
2023	Plan Implementation	Otter Tail	City of Elizabeth	Local/Regional Government	Angela Peterson	Purchase and installation of a new generator.	1/15/2023	12/15/2023	10000	Completed
2023	Plan Implementation	Otter Tail	City of Pelican Rapids	Local/Regional Government	Lance Roisum	Purchase spill response kit. Educational packet to well owners in DWSMA.	6/15/2023	11/30/2023	1393.63	Completed
2023	Plan Implementation	Otter Tail	City of Vergas	Local/Regional Government	Julie Lammers	Hire electrician to install wiring and equipment to connect generator to water plant and wells.	6/15/2023	8/30/2024	10000	Awarded
2023	Plan Implementation	Pipestone	City of Edgerton	Local/Regional Government	Doug Brands	Supplemental CRP payments to a local land owner.	1/3/2023	12/15/2023	3000	Awarded
2023	Plan Implementation	Pipestone	City of Pipestone	Local/Regional Government	Joel Adelman	GW and SW data collection near the ciy's well field.	12/1/2022	12/15/2023	2239.22	Completed
2023	Plan Implementation	Polk	City of Crookston	Local/Regional Government	Brandon Carlson	Provide and install mounted equipment enclosures and submersible level sensors.	1/15/2023	11/30/2023	10000	Completed
2023	Plan Implementation	Red Lake	City of Oklee	Local/Regional Government	Derek Cross	Purchase and install water monitoring equipment.	6/15/2023	8/30/2024	10000	Awarded
2023	Plan Implementation	Redwood	City of Walnut Grove	Local/Regional Government	Paula McGarvey	Boring and installation of new drain lines at 2 well houses. Install new floor drains in 2 well houses.	12/1/2022	9/18/2023	5131.6	Completed
2023	Plan Implementation	Roseau	City of Badger	Local/Regional Government	Kassandra Tillberg	Construct a new well.	6/15/2023	8/30/2024	10000	Awarded
2023	Plan Implementation	Roseau	Oak Manor Mobile Home Park	For-Profit Business/Entity	Lester Sundem	Purchase and installation of a generator.	1/3/2023	12/15/2023	6927.26	Completed
2023	Plan Implementation	Scott	Bonnevista Terrace Mobile Home Park	Non-Profit Business/Entity	Shamim Buck	Installation of an automatic transfer switch and disconnect, generator wiring, concrete pad, electric	6/15/2023	12/19/2023	10000	Completed
2023	Plan Implementation	Sherburne	City of Big Lake	Local/Regional Government	Deb Wegeleben	Automatic transfer switch, electrical work, LP connection, and other supporting equipment necessa	1/15/2023	9/26/2023	10000	Completed
2023	Plan Implementation	Sherburne	City of Zimmerman	Local/Regional Government	Randy Piasecki	Purchase GPS unit and accessory equipment. Property owner letter/onsite visit/postage and copyin	12/1/2022	12/15/2023	9653	Completed
2023	Plan Implementation	Sibley	City of Gibbon	Local/Regional Government	Dana Lietzau	Purchase and install transfer switch for a generator to be purchased at a later date.	1/15/2023	8/28/2023	10000	Completed
2023	Plan Implementation	St. Louis	City of Gilbert	Local/Regional Government	Jill Zallar	Connect a residential home to city sewer.	12/1/2022	8/14/2023	10000	Completed
2023	Plan Implementation	Stearns	City of Avon	Local/Regional Government	Jodi Austing-Traut	Middle Spunk Water Festival participation. Maintain and update website. Prepare information for ci	6/15/2023	8/30/2024	2684	Awarded
2023	Plan Implementation	Stearns	City of Holdingford	Local/Regional Government	Nicky Lahr	Hire engineer to conduct Hydro-geotech study and potential well site.	6/15/2023	8/30/2024	10000	Awarded
2023	Plan Implementation	Stearns	City of Paynesville	Local/Regional Government	Ron Mergen	Prepare wellhead newsletter. Plan and conduct Water Festival. Purchase a generator.	12/1/2022	8/4/2023	9592.69	Completed
2023	Plan Implementation	Stearns	City of St. Cloud	Local/Regional Government	Noah Czech	Develop pond monitoring protocols and plan. Laboratory/Data analysis costs. Data evaluation and q	12/1/2022	12/14/2023	10000	Completed
2023	Plan Implementation	Swift	City of Benson	Local/Regional Government	Valerie Alsaker	Well owner survey and education. PCSI spills/leak update. Public and tank owner education.	6/15/2023	8/30/2024	10000	Awarded
2023	Plan Implementation	Todd	City of Eagle Bend	Local/Regional Government	Kevin Hess	Purchase and installation of an automatic transfer switch and wiring. Concrete slab, fill and dirt wor	6/15/2023	8/30/2024	10000	Awarded
2023	Plan Implementation	Todd	City of Grey Eagle	Local/Regional Government	Beth Ramacher	Purchase, install, and test security system equipment. Drill test well for possible new well location.	6/20/2023	4/24/2024	4290	Completed
2023	Plan Implementation	Traverse	City of Browns Valley	Local/Regional Government	Jodi Hook-Hansen	Hire licensed well driller to complete a deep boring and install test well.	6/15/2023	5/20/2024	10000	Completed
2023	Plan Implementation	Wabasha	City of Elgin	Local/Regional Government	Tyler Meyers	Purchase and install automatic transfer switch and disconnect, generator wiring and generator.	6/15/2023	8/30/2024	10000	Awarded
2023	Plan Implementation	Wabasha	City of Lake City	Local/Regional Government	Scott Jensen	Excavate to locate old RR well for eventual sealing.	6/15/2023	8/30/2024	10000	Awarded
2023	Plan Implementation	Wabasha	City of Plainview	Local/Regional Government	Shane Loftus	Purchase and install a generator for well #2. Phase 1	12/1/2022	11/14/2023	10000	Completed
2023	Plan Implementation	Winona	City of Altura	Local/Regional Government	Dan Horvat	Purchase and install generator (Phase 3)	6/15/2023	7/26/2023	10000	Completed
2023	Plan Implementation	Wright	City of Clearwater	Local/Regional Government	Annita Smythe	Assessment of utility ordinances. Completion of a Spill Response Plan. Purchase/install fencing arou	1/15/2023	12/15/2023	8822	Completed
2023	Plan Implementation	Wright	Joint Powers Water Board	Local/Regional Government	Ruth Klick	Seal 2 test wells. Research and document wells, tanks, and leak sites.	12/1/2022	10/4/2023	9564.38	Completed
2023	Transient	Aitkin	Red Door Resort and Motel	For-Profit Business/Entity	Brian Linne	Drill a new well. Seal well.	12/1/2022	11/30/2023	3907.5	Completed
2023	Transient	Becker	Utopia Bay	For-Profit Business/Entity	George Windus	Construct a new well. Seal old well.	6/15/2023	11/1/2023	10000	Completed
2023	Transient	Brown	Springfield Co-op Creamery Assoc.	For-Profit Business/Entity	Bill Krueger	Well construction. Well sealing.	12/1/2022	7/19/2023	5586	Completed
2023	Transient	Cass	Lake Country Grocery	For-Profit Business/Entity	Brian Palkovich	Seal well	6/15/2023	8/30/2024	250	Awarded
2023	Transient	Chisago	Abella Wedding and Events	For-Profit Business/Entity	Teri Meads	Construct a new well	6/15/2023	2/5/2024	7020	Completed
2023	Transient	Crow Wing	Woodlore Cider	For-Profit Business/Entity	Josh Gazelka	Drill a new well. Seal old well.	1/15/2023	7/28/2023	3818	Completed
2023	Transient	Goodhue	Cannon River Inn	For-Profit Business/Entity	Larry Gustafson	Extend flowing well above grade and install submersible pump.	6/15/2023	8/24/2023	1878.23	Completed
2023	Transient	Hennepin	The Cottage Farmhouse	For-Profit Business/Entity	Kim Serbus	Construct a new well.	6/15/2023	6/30/2025	10000	Amending
2023	Transient	Lake of the Woods	Flag Island Resort	For-Profit Business/Entity	Chuck Haggenmiller	Drill new well and seal contaminated well.	6/15/2023	8/30/2024	10000	Awarded
2023	Transient	Lake of the Woods	Oak Island Resort	For-Profit Business/Entity	Alver Leighton	Construct a new well.	12/1/2022	8/17/2023	10000	Completed

Table 1. Source Water Protection Grants, 2022-2023

2023	Transient	Lyon	Garvin Park	Local/Regional Government	Brooke Kor	Seal a well and connect the existing distribution lines to another existing well. (Connection to existir	6/15/2023	7/10/2023	670	Completed
2023	Transient	Mcleod	Arnold's of Glencoe	For-Profit Business/Entity	Peter Arnold	Seal a well.		12/15/2023	857.75	Completed
2023	Transient	Mille Lacs	Good Shepherd Lutheran Church	Non-Profit Business/Entity	David Jackson	Removal of cesspool and installation of septic holding tank(s) and sewer line.	6/15/2023	9/12/2023	3902.5	Completed
2023	Transient	Olmsted	All Craft Exteriors	For-Profit Business/Entity	Brent Beck	Construct new well	6/15/2023	8/30/2024	10000	Awarded
2023	Transient	St. Louis	Arrowhead Lodge	For-Profit Business/Entity	Mike Daurio	Modification of a well. Install casing and grout.	12/1/2022	12/11/2023	10000	Completed
2023	Transient	St. Louis	Camp Esquagama	For-Profit Business/Entity	Steven Popowitz	Seal unused well	1/15/2023	12/13/2023	962.5	Completed
2023	Transient	St. Louis	Echo Shores Resort	For-Profit Business/Entity	Patrick Halbakken	Drill a new well	12/1/2022	9/26/2023	10000	Completed
2023	Transient	St. Louis	Glenmore Resort	For-Profit Business/Entity	Paul Hrvol	Well integrity investigation of Well #263067	1/15/2023	4/3/2023	1005	Completed
2023	Transient	St. Louis	Glenmore Resort	For-Profit Business/Entity	Paul Hrvol	Installation of treatment designed to inactivate/remove 4 log virus, 3 log giardia, and 2 log cryptosp	6/15/2023	8/14/2023	10000	Completed
2023	Transient	St. Louis	Lodge of Whispering Pines	For-Profit Business/Entity	Daniel Houle	Remove current water pump and install new casing with a new adapter, reducer, and pump.	6/15/2023	8/30/2024	6143	Awarded
2023	Transient	St. Louis	Retreat Lodge Resort	For-Profit Business/Entity	John Karakash	Deepening of Well #2 (839954) to increase water yield	12/1/2022	11/9/2023	6485.88	Completed
2023	Transient	St. Louis	Vermillion Dam Lodge	For-Profit Business/Entity	Ed Tausk	Well construction	12/1/2022	6/20/2023	10000	Completed
2023	Transient	Stearns	Riverside Resort	For-Profit Business/Entity	Joseph DeRose	Seal 2 unused wells.	1/15/2023	11/22/2023	475	Completed
2023	Transient	Todd	The WUGE, LLC	For-Profit Business/Entity	Sara Hinnenkamp	Drill a new well	6/15/2023	8/30/2024	7695.75	Awarded
2023	Transient	Washington	Keystone Weddings and Events	For-Profit Business/Entity	Lang Xiong	Seal abandoned well.	6/15/2023	8/30/2024	1575	Awarded

FY26-27 CLEAN WATER FUND PROPOSAL

Groundwater Restoration and Protection Strategies

MDH	Program Number: 74
Program Contact Name: **Carrie Raber and Steve Robertson**	Phone: **651-201-4695**
Contact E-mail Address: **carrie.raber@state.mn.us**	
Person filling out form: **Carrie Raber**	Phone: **651-201-4695**
Person filling out form e-mail address **carrie.raber@state.mn.us**	

Purpose

The Groundwater Restoration and Protection Strategies (GRAPS) program is charged with building capacity with LGU's to effectively manage groundwater across Minnesota. This effort currently centers on report development for each participating watershed engaged in the One Watershed One Plan (1W1P). The GRAPS reports aggregate existing state information of groundwater and drinking water on a watershed scale to inform planning and implementation. In addition to the GRAPS reports, a significant investment has been made on training and tool development to build capacity.

Conservation delivery in Minnesota has traditionally centered on erosion control, managing stormwater runoff, among other resource concerns. It wasn't until 2013 when the DNR introduced the Groundwater Management Areas to manage groundwater overuse, our partner's realized groundwater was a local issue and that they were best suited to manage it. The Soil and Water Conservation Districts (SWCD) adopted a series of groundwater resolutions that put into motion GRAPS. The SWCDs asked to be partners in managing groundwater, they need training on how to best manage groundwater, and they requested access to state agency information and data on groundwater. The GRAPS process is keenly focused on delivering the items requested by the SWCDs to build groundwater capacity.

Webpage

Groundwater Restoration and Protection Strategies (GRAPS)
(www.health.state.mn.us/communities/environment/water/cwf/localimplem.html)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

The GRAPS initiative has proven to be an effective model of state agencies collaborating to deliver a comprehensive overview of groundwater information in one document, eliminating barriers to local implementation. It results in a clearinghouse of information and shared goals to advance groundwater implementation. It is also one of the few approaches to consider the needs of private well owners within the framework of groundwater management.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	$300,000
FY16-17	$250,000
FY18-19	$400,000
FY20-21	$1,100,000
FY22-23	$1,126,000
FY24-25	$1,500,000
TOTAL APPROPRIATED TO DATE	**$4,676,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

[Don't fill out the FY26-27 until you receive agency approval. We will update the form at that time.]

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Vision: Groundwater is clean and available to all in Minnesota

Goal 1: Protect groundwater from degradation and support effective measures to restore degraded statewide.

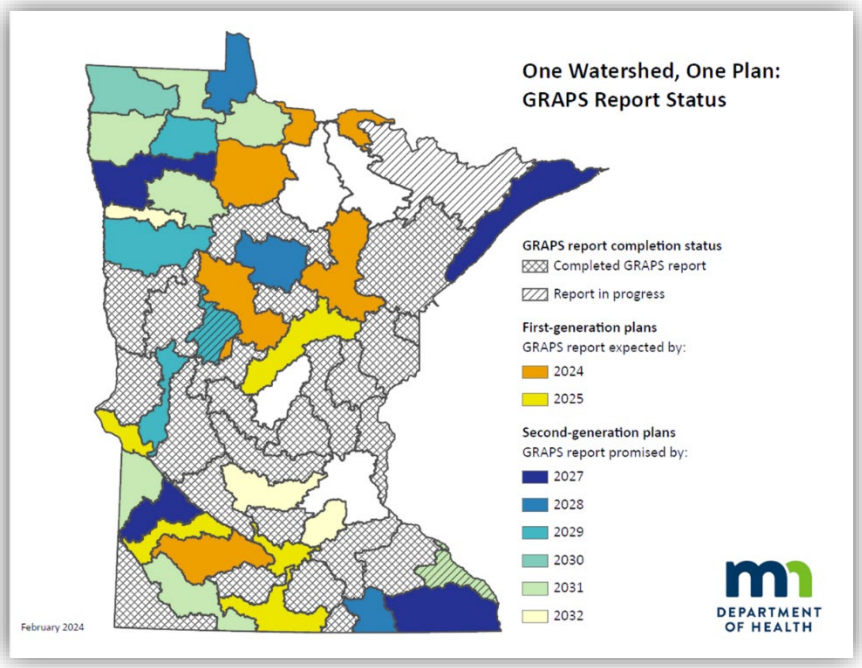
- **Strategy**: Develop and carry out strategies that will protect and restore groundwater statewide.

Outcomes

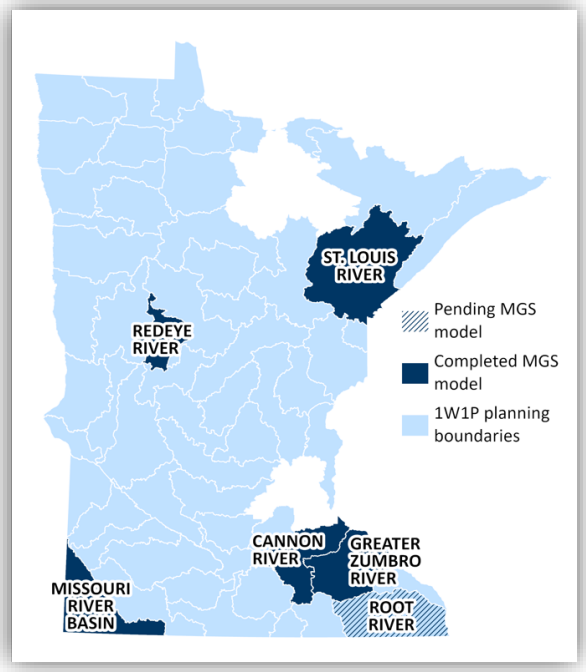
Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

The GRAPS process continues to grow with success achieved on various fronts.

- To date there are **23 completed GRAPS** with an additional six reports on track to be complete by the end of the calendar year 2024.



- Partnering with the DNR Watershed Health Assessment Framework (WHAF) team **groundwater data layers are now part of their decision support tool**. There are 17 data layers from the GRAPS report that are available statewide. The availability of this information allows our partners to engage in meaningful groundwater protection without access to a GRAPS report. You can access targeted information by clicking on the "add data" feature on the tool and type "GRAPS" to prepopulate the available data layers. The following link is preloaded with the GRAPS data layers for the state that can be easily accessed. GRAPS Data Layers in WHAF.
- In partnership with the University of Minnesota (UMN), UMN Extension, Freshwater, and other state agencies **online groundwater modules were developed for resource partners to establish a baseline understanding of groundwater mechanics to help inform implementation**. This free online training is available to all interested parties and can be accessed by this link: EXT XAF.0119 Groundwater Basics for Resource Managers | University of Minnesota (umn.edu) (https://learning.umn.edu/search/publicCourseSearchDetails.do?method=load&courseId=24287126&selectedProgramAreaId=18892&selectedProgramStreamId=)
- In partnership with the Minnesota Geological Survey (MGS) **five 3D Geologic Models have been developed** to make an invisible resource visible. The models have been developed for the Missouri River Basin, Redeye River, St. Louis River, Cannon River, and the Greater Zumbro River. A contract is being executed for the Root River. New 3D Geologic Models Published for GRAPS Pilot Project | Minnesota Geological Survey | College of Science and Engineering (umn.edu) (https://cse.umn.edu/mgs/news/new-3d-geologic-models-published-graps-pilot-project)



- **Groundwater Protection Initiative – Accelerated Implementation Grant (AIG)** provides key support for LGU's to build program capacity for groundwater quality and quantity. The grant provides a maximum award of $50K to each successful applicant, with $250K available annually. To date the GRAPS appropriation has awarded $998,977 with a match of over $718,646 in direct and in-direct support.
- **Technical trainings to build groundwater capacity** are a continuous effort. An example is being a planning lead for the CWF interagency groundwater workshop that was held in the Spring of 2024. The training reached over 300 state employees engaged in CWF work. Additionally, each year we participate in BWSR statewide trainings such as the BWSR Academy or the BWSR Spring Technical Training, along with opportunities presented by the MN Association of Soil and Water Conservation Districts, MN Association of Watershed Districts, among other relevant chances to engage our partners.
- A **Regional Groundwater Specialist** is being piloted to be a technical expert to synthesize groundwater information for targeted implementation. This position is expected to be hired by early fall.
- The **second generation GRAPS products are being explored**. These products stem from the MDH regional groundwater flow models to define aquifers, aquitards, and recharge areas within a watershed. This information combined with chemistry data will provide meaningful outputs that will better define targeted areas for implementation.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Increase.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." ***Indicate if this proposal will supplement or supplant previous funding.***

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

Grant/ Contract to whom	**FY14-15**	**FY16-17**	**FY18-19**	**FY20-21**	**FY22-23**	**FY24-25**	**FY26-27**	**Total**
Freshwater	$40K		$60K					$100K
Stearns SWCD		$40K	$50K	$50K				$140K
Pipestone SWCD		$10K	$20K	$30K				$60K
MN Geological Survey				$135K		$93K		$228K
Accelerated Implementation Grant				$289,496	$401,830	$547,651*	$500K*	$1,738,977

*Indicates future Accelerated Implementation Grant awards of $250K annually.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	
FY12-13	
FY14-15	1.0
FY16-17	1.0
FY18-19	1.0
FY20-21	2.0
FY22-23	2.0
FY24-25	3.0
FY26-27	

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FY26-27 CLEAN WATER FUND PROPOSAL

Future of Drinking Water (formerly Drinking Water Protection)

MDH	Program Number: 40
Program Contact Name: **Tannie Eshenaur and Frieda von Qualen**	Phone: **651.201.4074**
Contact E-mail Address: **tannie.eshenaur@state.mn.us**	
Person filling out form: **Tannie Eshenaur**	Phone: **651.201.4074**
Person filling out form e-mail address **tannie.eshenaur@state.mn.us**	

Purpose

This is a Clean Water Council initiative arising out of a 2016 policy recommendation and companion appropriation. While the federal Safe Drinking Water Act provides a basic level of protection for customers of public water systems, this activity engages local and national experts to develop an action plan and policies that go beyond current regulatory requirements to address emerging threats and ensure long-term safe public and private drinking water in Minnesota.

Webpage

We do not currently have a webpage for the Future of Drinking Water efforts. However, the reports below are results of Future of Drinking Water Funding:

- **Lead in Minnesota Water: Assessment of Eliminating Lead in Minnesota Drinking Water (PDF)** (https://www.health.state.mn.us/communities/environment/water/docs/leadreport.pdf)
- **The Future of Minnesota Drinking Water: A Framework for Managing Risk (PDF)** (https://conservancy.umn.edu/handle/11299/212014)
- **Lessons from Drinking Water Professionals: An Assessment of Drinking Water Governance in Minnesota (PDF)** (https://conservancy.umn.edu/handle/11299/259166)
- Clean River Partners: **State Drinking Water Action Plan** (https://www.cleanriverpartners.org/state-drinking-water-plan). Webpage includes links to the full community engagement report and infographic.

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Continue development of public health policies and implement recommendations that address individual emerging threats and ensure long-term safe drinking water in MN by engaging local and national experts as outlined in the University of Minnesota's Future of Drinking Water report. The next phase of this initiative will focus on four projects:

- A cost/benefit analysis of interventions for private well users and reductions in health risks from arsenic, nitrate, and manganese.

- Assessment of need, development of process, and potential implementation of enforceable state standards for public water systems (Minnesota Maximum Contaminant Levels).
- A comparative risk assessment for commonly detected contaminants in public water systems and private wells to determine public health priorities for source water protection and other risk management strategies.
- Evaluation of outputs and outcomes from the first two years of implementing the state Drinking Water Action Plan to determine needed modifications in actions and resources.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	
FY16-17	
FY18-19	$300,000
FY20-21	$500,000
FY22-23	$500,000
FY24-25	$500,000
TOTAL APPROPRIATED TO DATE	**$1,800,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Vision: Drinking water is safe for everyone, everywhere in Minnesota.

- **Goal 1: Public Water Systems**--Ensure that users of public water systems have safe, sufficient, and equitable drinking water.
- **Goal 2: Private Water Supply Wells**—Ensure that private well users have safe, sufficient, and equitable access to drinking water.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Completed:

- A report describing the sources of lead in drinking water, cost and benefits of removing lead in lead service lines and premise plumbing, and potential strategies to reduce exposure to lead. This report was foundational to the Minnesota Legislature establishing a 10-year goal to remove every lead service line and a 240-million-dollar appropriation targeting the privately owned portions.

- A University of Minnesota report on the Future of Drinking Water that includes recommendations from a stakeholder group and expert panel on actions needed to protect Minnesota's drinking water.
- An external review of MDH's public water system section's actions to protect public water systems during the COVID response.
- An external review of the organization of the Community Water System unit with recommendations on actions to increase the efficiency and effectiveness for responding to new demands for protecting public drinking water, including risk management actions for emerging contaminants such as PFAS and manganese.
- An assessment of how public water systems and private wells are integrated into overall water resource management in Minnesota using a Governance Assessment Framework outlined in the *The Future of Drinking Water Report*.
- A community engagement process with focus groups comprised of customers of community water systems and private well owners to discover Minnesotans priorities for drinking water protection activities and actions.

Future:

- The state *Drinking Water Action Plan* will be completed this summer. The plan contains measurable outputs and outcomes that will be tracked over the 10-year course of implementation, from 2024 to 2034. This effort will need to report to and be monitored by a public body such as the Clean Water Council or a new Drinking Water Advisory Council.
- A systematic and comparative risk assessment of the public health burden of morbidity and mortality for various contaminants will guide state protection actions for drinking water.
- The state will have a process for developing and enforcing state drinking water standards for federally unregulated contaminants in public water systems.
- There will be a report containing a cost benefit analysis of interventions to protect private well users that can guide future program development.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Level funding.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." Indicate if this proposal will supplement or supplant previous funding.

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

Past funding has gone to the Humphrey School of Public Affairs ($250K), the Water Resources Center ($194K), Board of Water and Soil Resources ($30K), and the Management Analysis Division of Minnesota Management and Budget ($52K).

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	
FY12-13	
FY14-15	
FY16-17	
FY18-19	
FY20-21	0.25
FY22-23	0.7
FY24-25	0.7
FY26-27	

FY26-27 CLEAN WATER FUND PROPOSAL

Recreational Water Quality Online Portal

MDH	Program Number:
Program Contact Name: **Trisha Robinson**	Phone: **651-201-5639**
Contact E-mail Address: **trisha.robinson@state.mn.us**	
Person filling out form: **Trisha Robinson**	Phone: **651-201-5639**
Person filling out form e-mail address **trisha.robinson@state.mn.us**	

Purpose

- Establish a statewide inventory of public beaches;
- Develop a statewide portal for beach monitoring results and closures;
- Create a secure login for entities conducting beach monitoring to enter and manage test results online; and
- Provide education to Minnesotans via the portal on preventing illness and recreational water stewardship.

Webpage

n/a

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Currently there is no single entity that tracks the monitoring or closure of public beaches statewide. While many people assume all beaches are monitored, beach testing is conducted at the discretion of the entity responsible for the beach (often a local public health agency). The creation of a statewide recreational water testing portal will allow Minnesotans to go to one online location to access information on any recreational water testing conducted or beach closures currently in place. Additionally, the portal will allow for users to be made aware of any alerts currently in place at the beach of interest, such as the appearance of harmful algal blooms or major pollution events.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	
FY16-17	
FY18-19	
FY20-21	
FY22-23	
FY24-25	$600,000

TOTAL APPROPRIATED TO DATE	**$600,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

[Don't fill out the FY26-27 until you receive agency approval. We will update the form at that time.]

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Surface Water Protection and Restoration Vision: Minnesotans will have fishable and swimmable waters throughout the state.

Goal 1: Monitor, assess, and characterize Minnesota's surface waters.

Strategy: Maintain consistent funding for a statewide monitoring system.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

- # of beaches monitored and reported via online portal
- # of beach closures posted on online portal
- Beach surveys to monitor knowledge, attitudes and behavior

Progress to date: Work to create an inventory of monitored beaches throughout the state, including frequency, advisory criteria, and other considerations is nearly complete. Evaluation of existing portals in other states is underway to ultimately build the most user-friendly and robust portal for Minnesota.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Level.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous

funding that was not from a legacy fund and was used for the same purpose." ***Indicate if this proposal will supplement or supplant previous funding.***

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

N/A.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	
FY12-13	
FY14-15	
FY16-17	
FY18-19	
FY20-21	
FY22-23	
FY24-25	1.5
FY26-27	

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FY26-27 CLEAN WATER FUND PROPOSAL

Metropolitan Area Water Sustainability Support

Metropolitan Council	Program Number: 42
Program Contact Name: Judy Sventek	Phone: 651-602-1156
Contact E-mail Address: judy.sventek@metc.state.mn.us	
Person filling out form: Judy Sventek	Phone: 651-602-1156
Person filling out form e-mail address judy.sventek@metc.state.mn.us	

Purpose

The current program implements projects that address emerging drinking water supply threats, provides cost-effective regional solutions, leverages inter-jurisdictional coordination, supports local implementation of water supply reliability projects, and prevents degradation of groundwater resources. For FY 26-27, we intend to expand the scope and impact of this program to support and implement integrated water planning projects that address water sustainability across the entire water cycle with a focus on preventing degradation of both surface and groundwater resources while supporting sustainable water resources for the region.

Webpage

Water Supply Sustainability Program - Metropolitan Council (metrocouncil.org)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

The region's steady population growth, increased groundwater pumping, changing land use, and variable weather and climate is challenging some communities' ability to meet current and future water demand. This program also supports investigation into groundwater and surface water interaction and looks at ways to minimize impacts from this on both our drinking water and surface waters. Finally, this program supports efforts to ensure supplies of potable water are adequate for the region's current and projected population; to protect and enhance surface water quality; to ensure uninterrupted economic growth and prosperity; to avoid conflict over water sustainability; and to foster collaboration to address regional water challenges and limitations in a manner that takes advantages of regional and sub-regional resources.

PRIOR APPROPRIATIONS	
FY10-11	$800,000
FY12-13	$1,000,000
FY14-15	$2,000,000
FY16-17	$1,950,000
FY18-19	$1,900,000
FY20-21	$2,000,000

FY22-23	$1,838,000
FY24-25	$2,250,000
TOTAL APPROPRIATED TO DATE	**$13,738,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST
		Increase

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

This program supports the Clean Water Council's Strategic Plan's Groundwater Vision: Groundwater is clean and available to all in Minnesota and the following goals and strategies for that vision.

Goal 1: Protect groundwater from degradation and support effective measures to restore degraded groundwater.

- Strategy: Develop baseline data on Minnesota's groundwater quality, including areas of high pollution sensitivity.
- Strategy: Develop and carry out strategies that will protect and restore groundwater statewide.

Goal 2: Ensure groundwater use is sustainable and avoid adverse impacts to surface water features due to groundwater use.

- Strategy: Develop a cumulative impact assessment and support planning efforts to achieve a sustainability standard for groundwater.
    - Action: Prioritize areas of high-water use intensity.
- Strategy: Develop and carry out strategies that promote sustainability of groundwater use.
    - Action: Implement water efficiency BMPs, water use reduction, and irrigation water management in areas of high-water use intensity by agricultural irrigators, highly sensitive areas, GWMAs, and highly vulnerable DWSMAs.
- Strategy: Identify options that will accelerate progress to achieving a sustainable groundwater standard in line with circular water economy principles

Clean Water Council's Strategic Plan's Drinking Water Source Protection Vision: Drinking water is safe for everyone, everywhere in Minnesota.

Goal 1: Public Water Supply Systems – Ensure that users of public water systems have safe, sufficient, and equitable drinking water.

- Strategy: Identify and reduce risks to drinking water sources by investing in technical training, planning, coordination, and source water protection grants.
- Strategy: Support prevention efforts to protect DWSMAs.

- Strategy: Support prevention and management of newly identified contaminant risks. (PFAs, selenium, radium, and manganese)

Goal 2: Private Water Supply Wells—Ensure that private well users have safe, sufficient, and equitable access to drinking water.

- Strategy: Identify risks to and fund testing of private well water.

Clean Water Council's Strategic Plan's Vision: All Minnesotans value water and take actions to sustain and protect it.

Goal 1: Build capacity of local communities to protect and sustain water resources.

- Strategy: Maintain and increase capacity of Minnesotans to improve water quality.
    - Action: Support local efforts to engage farmers in water quality efforts
    - Action: Engage non-traditional audiences with water planning and implementation
    - Action: Engage chloride users.
    - Action: Engage water managers statewide (regional-wide)
    - Action: Support innovative efforts that accelerate progress toward clean water goals.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

The success indicators are increased number of communities that have received technical support from the Council; that projects are implemented based on the subregional input; achievement of intended long-term outcomes to sustainably use groundwater in a reliable approach with other available resources and reduction of groundwater use and impacts to surface waters in the region.

From 2005 to 2023, numerous communities received technical support from the council through facilitated sub-regional workgroups. In particular, in 2023 and 2024 we held 2-3 subregional meetings with each of the 7 subregions in the metro area to get their input on water supply/drinking water related problems (a total of 23 engagements), issues and needed support for solutions for those subregions as part of our work to update our Metro Area Water Supply Plan. We now have a list of projects and concerns to work on within each subregion to help implement solutions to address drinking water and sustainable water resource issues by the 7 subregions.

The legislative appropriation language for our FY24/25 funding request was modified from what was submitted by the Clean Water Council. The legislature added rider language that directs us to cover selenium, manganese, and radium contamination in addition to the PFAs contamination we had included in the original language. We will include these contaminants of concern in future projects in areas where there is an identified need to address.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Increase

We plan to continue to fund water supply sustainability work but also expand the program to cover water sustainability work which may include additional types of sustainability support. We will be using input from the issues, solutions and needed projects identified by the work groups for the 7 subregions in addition to input from MAWSAC, MAWSAC TAC, and our Water Policy Plan Advisory Committee as we make decisions about projects to fund. Expanding the program to a water sustainability program will allow us to fund a wider array of projects and solutions that are tied to overall water sustainability. An example of new work that could be funded with this minor change could be a program to fund projects aimed at helping to implement water reuse.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Up to 75% of the funds will be used to fund projects scoped by LGUs and partners through input from our subregional planning process as well as for projects scoped by MAWSAC, MAWSAC TAC, and our Water Policy Plan Advisory Group. 100% of the funds for the water efficiency/demand reduction grant program which is part of this sustainability work is passed through to LGUs.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

In FY14-FY23, 60% of funding was passed through in contracts to local partners (cities, SWCDs, counties, etc.), University of Minnesota researchers, University of Minnesota-Extension, water efficiency grant partners, and analytical laboratories. For a complete list of projects funded, please refer to the Legacy Spending Website at:

1) Water Efficiency Grant Program: https://www.legacy.mn.gov/projects/water-efficiency-grant-program
2) Water Supply Sustainability Program: https://www.legacy.mn.gov/projects/water-supply-sustainability-support-program

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	1.5
FY12-13	2.0
FY14-15	3.0
FY16-17	3.0
FY18-19	3.0
FY20-21	3.0
FY22-23	3.5
FY24-25	4.5
FY26-27	4.5

FY26-27 CLEAN WATER FUND PROPOSAL

Water Demand Reduction/Efficiency Grant Program

Met Council	Program Number: 35
Program Contact Name: Henry McCarthy	Phone: 651-602-1946
Contact E-mail Address: Henry.McCarthy@metc.state.mn.us	
Person filling out form: Judy Sventek	Phone: 651-602-1156
Person filling out form e-mail address: Judy.sventek@metc.state.mn.us	

Purpose

The program provides grants to assist municipalities in the metro area as they implement water demand reduction and water efficiency measures to ensure the reliability and protection of drinking water supplies and support resiliency of water suppliers.

Webpage

Water Efficiency Grant Program - Metropolitan Council (metrocouncil.org)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

State regulators require water suppliers to reduce water use and increase water conservation and efficiency. This requirement preserves limited groundwater, allows adjacent users to better share aquifer resources, and maximizes the value of existing infrastructure investments.

Funding for this requirement has not been provided through other means. By providing financial assistance to incentivize communities to implement water demand reduction measures in municipalities, the program reduces reliance on groundwater which will help in preventing groundwater degradation in locations around the region, will ensure the reliability and protection of drinking water supplies, and will support resiliency of water suppliers.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	
FY16-17	$500,000
FY18-19	$0
FY20-21	$750,000
FY22-23	$1,250,000
FY24-25	$1,500,000
TOTAL APPROPRIATED TO DATE	**$4,000,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST
TBD	TBD	TBD

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

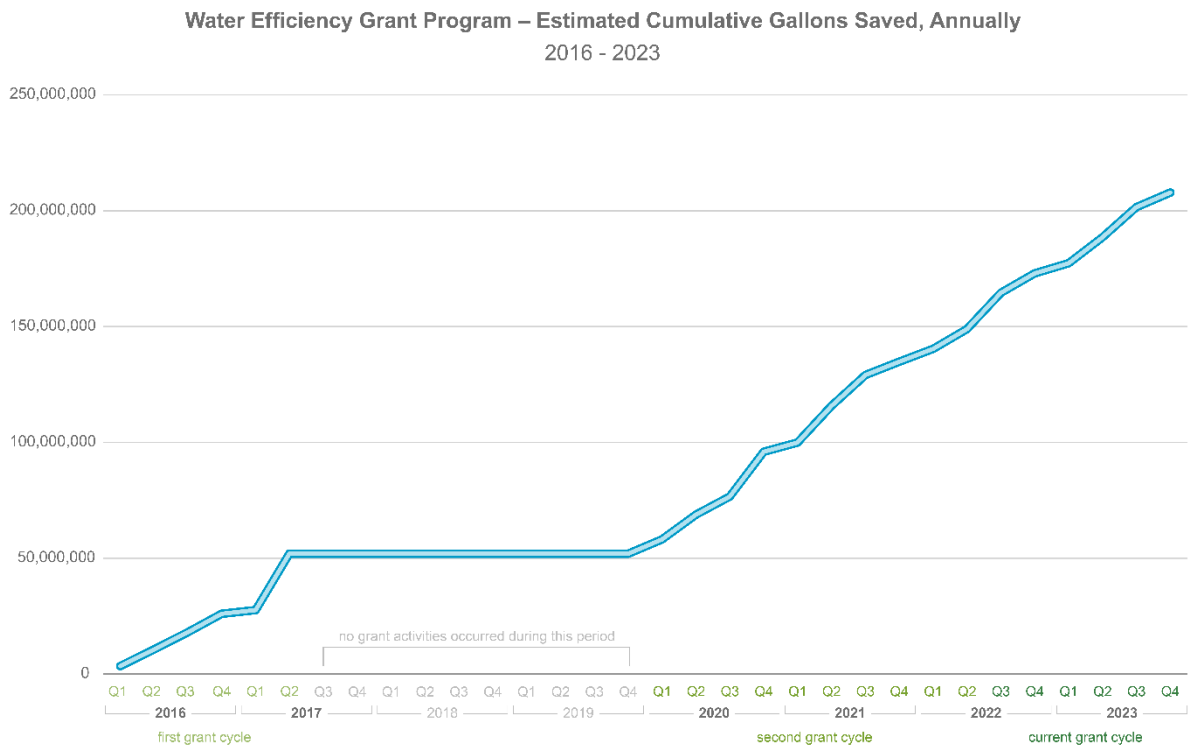
This program is most applicable to helping to implement the Clean Water Council Groundwater Vision that groundwater is clean and available to all in Minnesota. It also supports the Clean Water Council's Groundwater Goal #2 to ensure groundwater use is sustainable and avoids adverse impacts to surface water features due to groundwater use. Finally, it supports Strategy 3 under Goal #2, to develop and carry out strategies that promote sustainability of groundwater use and the action associated with this strategy to implement water efficiency BMPs, was use reduction, and irrigation water management in areas of high water use.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

In FY16-17, Metropolitan Council awarded grants to nineteen communities in the metro area to implement water demand reduction measures that increase water efficiency, both indoors and outdoors. Estimated water saved from the first cycle of the program is 52 million gallons annually, water enough to supply around 1,700 persons for a year. In FY20-21, the number of communities participating in the grant program doubled, and award requests exceeded the available fund. Water savings for the second cycle of the grant program were expected to be more than 55 million gallons annually. Water savings for the second cycle of the grant program exceeded expectations, with an estimated 96 million gallons being saved annually. The third cycle of the grant program is ongoing. As of 12/31/2023, the estimated water savings from the third cycle is 59 million gallons annually. We expect this number to increase once we have all the final numbers for this cycle.

The program continues to increase awareness about water efficiency and support water efficiency goals set by communities.



Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

> Steady for FY 26/27. We will reevaluate the need after that. We may want to increase the request in FY28/29 based on the evaluation of need at that time.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

> This grant program uses matching funds from local water suppliers to incentivize wise use of our precious water resources.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

> **Supplement**

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

Community	**Funds Expended for 2016-2017**	**Funds Expended for 2020-2022**	**Funds Expended for 2022-2024** ***THRU Q4 2023***
Apple Valley	-	$25,625.29	$27,164.74
Bayport	-	-	$8,000.00
Bloomington	-	$21,000.00	$14,160.00
Brooklyn Center	-	$1,108.94	-
Brooklyn Park	$5,681.25	$10,272.07	$10,303.56
Chanhassen	$13,965.10	$19,300.00	$7,640.00
Chaska	-	$14,000.00	-
Circle Pines	$4,605.75	-	$8,100.12
Coon Rapids	-	-	$25,910.34
Cottage Grove	$5,677.46	$27,300.00	$42,754.53
Dayton	-	$ 289.50	-
Eagan	$40,174.84	$13,927.50	$32,696.00
Eden Prairie	$37,499.99	$39,065.37	$22,002.09
Farmington	-	$10,393.40	$11,000.00
Forest Lake	$7,762.50	$2,550.00	$8,200.00
Fridley	$6,912.70	$23,898.06	$7,540.42
Hopkins	-	$19,000.00	-
Hugo	$71,509.86	$29,565.00	$36,000.00
Lake Elmo	-	$15,394.77	$11,726.84
Lakeville	-	$29,456.15	$23,886.80
Lino Lakes	-	-	$7,079.43
Mahtomedi	$3,225.00	$2,437.50	-
Maple Grove	-	-	$14,543.37
Minnetonka	-	$13,052.05	$9,418.16
New Brighton	$49,999.97	$14,625.00	$24,160.00
Newport	$525.00	-	-
North St Paul	-	$20,229.22	$21,728.96
Oakdale	-	$1,315.63	-
Plymouth	$25,250.00	$33,300.00	$33,641.63
Prior Lake	-	$4,037.17	$9,600.00
Ramsey	-	$26,124.19	$15,195.85
Robbinsdale	-	$5,900.80	$3,600.00
Rosemount	$12,541.25	$11,300.00	$22,876.78
Roseville	-	$2,819.88	$13,215.21

Savage	-	$11,000.00	$16,761.62
Shakopee Public Utilities Commission	$12,903.86	$19,915.35	$27,262.33
Shoreview	-	$9,360.33	$3,779.57
Shorewood	-	$9,372.07	$3,783.20
St Louis Park	-	$23,000.00	$24,970.77
Stillwater	-	-	$23,756.78
Victoria	$9,000.00	$11,578.85	$3,106.60
White Bear Lake	$63,731.03	$33,791.43	$3,561.67
White Bear Township	$41,500.00	$43,785.66	$29,411.63
Woodbury	$49,777.92	$50,300.00	$42,946.67

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	0.0
FY12-13	0.0
FY14-15	0.0
FY16-17	0.0
FY18-19	0.0
FY20-21	0.0
FY22-23	0.0
FY24-25	0.0
FY26-27	0.0

No Water Efficiency/Water Demand Grant funds are used to support staff to administer this grant program.

FY26-27 CLEAN WATER FUND PROPOSAL

County Geologic Atlas Part A

UMN	Program Number: 61
Program Contact Name: **Barbara Lusardi**	Phone: **612-626-5119**
Contact E-mail Address: **lusar001@umn.edu**	
Person filling out form: **Barbara Lusardi**	Phone: **612-626-5119**
Person filling out form e-mail address **lusar001@umn.edu**	

Purpose

Provides planning-scale comprehensive geologic mapping and associated databases required for managing water and also mineral resources.

Webpage

County Geologic Atlas | College of Science and Engineering (umn.edu)
https://www.mda.state.mn.us/environment-sustainability/pesticide-monitoring-increased-capacity-and-capability

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Geologic atlases provide maps and databases essential for improved management of ground and surface water. This is foundational data that supports management of drinking water, domestic and industrial supply, irrigation, and aquatic habitat. County Geologic Atlases are specifically identified as essential data in the Statewide Conservation Plan, and in the efforts of the Environmental Quality Board, DNR Eco-Waters, and the Water Resources Center at the University of Minnesota to design a sustainable water management process. The distribution of geologic materials defines aquifer boundaries and the connection of aquifers to the land surface and to surface water resources to enable a comprehensive water management effort.

PRIOR APPROPRIATIONS	
FY10-11	$305,000
FY12-13	$0
FY14-15	$1,230,000
FY16-17	$0
FY18-19	$250,000
FY20-21	$500,000
FY22-23	$900,000
FY24-25	$1,000,000
TOTAL APPROPRIATED TO DATE	**$4,185,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

[Don't fill out the FY26-27 until you receive agency approval. We will update the form at that time.]

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Drinking water/Groundwater

Engagement/Education

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Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

To date, CWF has supported atlas production in 23 counties including: St. Louis, Lake, Dakota, Houston, Winona, Brown, Redwood, Washington, Isanti, Wadena, Cass and Hennepin, Dodge and Olmsted counties. In-production atlases with CWF support include Red Lake, Pennington, Polk, Lake of the Woods, Ramsey, Douglas, Grant, and Ramsey. Each atlas takes about 5 years to complete and costs approximately $500,000. These funds will likely be used to complete one or more of the atlases that are currently in production; or will be used to start work in one of the 8 counties that we have yet to begin.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

The annual budget for the County Atlas program is about $2 million. The bulk of our funding comes from the ENRTF as administered by the LCCMR. In recent years, our LCCMR award has been $2 million to spend within 3 years. In addition, we receive about $500,000 (per biennium) from the Department of Natural Resources. Finally, we cost-share all of these funds as much as possible with funding from various federal mapping programs including STATEMAP (~$95,000) and Great Lakes Geologic Mapping Coalition (~$85,000).

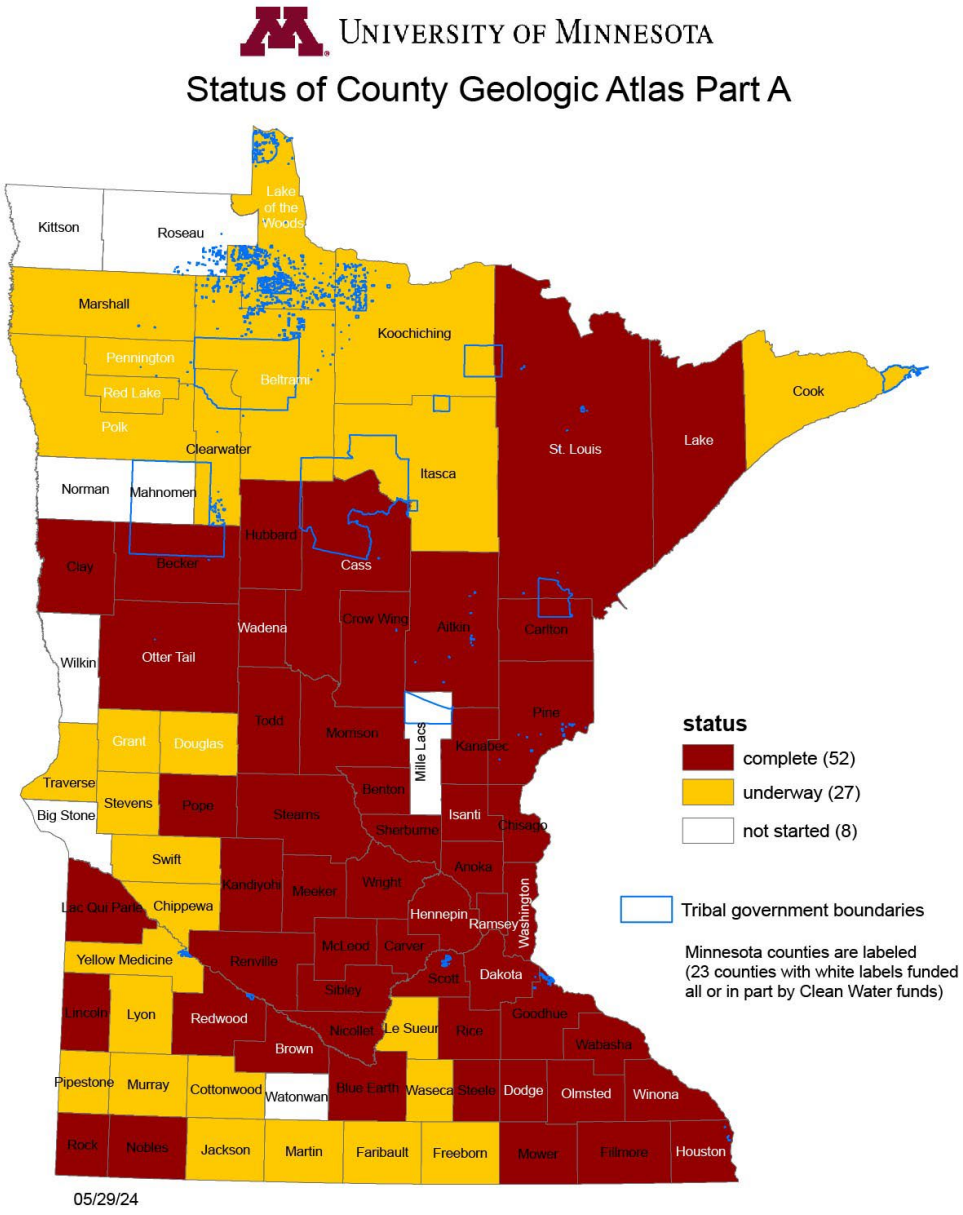
Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.



State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	3.0
FY12-13	
FY14-15	13.0

FY16-17	
FY18-19	2.5
FY20-21	5.0
FY22-23	
FY24-25	9.0
FY26-27	

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#	NAME	signed	Year_Compl	revised	revised2	status	ENRTF	CWF	DNR	USGS	funding
1	Aitkin		2022			complete	x		x		LCCMR15, 17, 18, 19, 20, DNR
2	Anoka		2013			complete	x			x	LCCMR 2009; USGS
3	Becker		2016			complete	x				LCCMR 13, 15
4	Beltrami	2023				underway		x			CWF
5	Benton		2010			complete	x				LCCMR 2007
6	Big Stone					not started					not funded
7	Blue Earth		2011			complete	x				LCCMR 2008
8	Brown		2016			complete	x	x			LCCMR11, 12, CWF
9	Carlton		2009			complete			x		Completed Prior to 2007 *
10	Carver		2009			complete			x	x	Completed Prior to 2007 *
11	Cass		2018			complete	x	x	x		CWF, DNR, LCCMR 17
12	Chippewa	2019				underway	x		x	x	LCCMR18,19,20,21; USGS; DNR
13	Chisago		2010			complete	x				LCCMR 2007
14	Clay		2014			complete			x		DNR
15	Clearwater	2024				underway					MGS start 2026
16	Cook	2019				underway	x		x	x	LCCMR18,19,20,21; USGS; DNR
17	Cottonwood	2023				underway	x				not funded
18	Crow Wing		2004			complete					Completed Prior to 2007 *
19	Dakota		1990	2023		revised		x		x	Completed Prior to 2007 *
20	Dodge		2020			complete	x	x	x	x	CWF; LCCMR 15; DNR; USGS
21	Douglas	2019				underway	x	x	x	x	DNR 2019; CWF 21-24; USGS 21-22
22	Faribault	2019				underway	x		x	x	DNR 20-21, ENRTF 21-24; USGS 21-24; DNR drill
23	Fillmore		1995			complete					Completed Prior to 2007 *
24	Freeborn	2022				underway	x			x	LCCMR_21; USGS 23
25	Goodhue		1998			complete	x				Completed Prior to 2007 *
26	Grant	2019				underway	x	x	x	x	DNR 2019; CWF 21-24; USGS 21-22
27	Hennepin		1989	2018		revised	x	x			Completed Prior to 2007 *
28	Houston		2014			complete		x			CWF
29	Hubbard		2018			complete	x				LCCMR13, 15, 17
30	Isanti		2017			complete	x	x	x		CWF; DNR, LCCMR17
31	Itasca	2023				underway	x				MGS start 2025
32	Jackson	2024				underway					MGS start 2026
33	Kanabec		2016			complete	x		x	x	DNR, USGS, LCCMR13
34	Kandiyohi		2019			complete	x				LCCMR 15, 17, 18
35	Kittson					not started					not funded
36	Koochiching	2022				underway	x			x	LCCMR_21; USGS 24
37	Lac Qui Parle		2023			complete	x		x	x	LCCMR 17,18

38	Lake		2023			complete	x	x	x	x	LCCMR12, 17, 18, 19, 20; CWF, USGS, DNR
39	Lake of the Woods	2019				underway		x	x	x	CWF; USGS 22-24; DNR drill
40	Le Sueur	2023				underway	x				MGS start 2025
41	Lincoln		2023			complete	x		x	x	LCCMR 17, 18, 19, 20; DNR; USGS
42	Lyon	2021				underway	x			x	LCCMR21; USGS 22-24
44	Mahnomen					not started					not funded
45	Marshall	2023				underway	x				MGS start 2025
46	Martin	2023				underway	x				signed 2023
43	McLeod		2009			complete			x		Completed Prior to 2007 *
47	Meeker		2015			complete	x			x	LCCMR 11, 13
48	Mille Lacs					not started					not funded
49	Morrison		2014			complete	x			x	LCCMR 10; USGS
50	Mower		1998			complete					Completed Prior to 2007 *
51	Murray	2022				underway	x			x	LCCMR_21; USGS 23
52	Nicollet		2011			complete	x				LCCMR 2008
53	Nobles		2022			complete	x		x		LCCMR17, 18,19; DNR
54	Norman					not started					not funded
55	Olmsted		1988	2020		revised	x	x	x		Completed Prior to 2007 *
56	Otter Tail		2023			complete	x	x	x	x	LCCMR 17, 18, 19, 20; DNR; CWF; USGS
57	Pennington	2017				underway	x	x	x	x	LCCMR 17, 18, 19, 20; DNR; CWF; USGS
58	Pine		2001			complete					Completed Prior to 2007 *
59	Pipestone	2017				underway	x		x	x	LCCMR 17, 18, 19, 20; DNR; USGS
60	Polk	2019				underway	x	x	x	x	LCCMR18,19,20,21; USGS; DNR, CWF 24
61	Pope		2003			complete					Completed Prior to 2007 *
62	Ramsey		1992	underway		revision underway		x	x	x	Completed Prior to 2007 *
63	Red Lake	2019				underway		x	x	x	CWF; USGS 21-22; Mentor; Statemap
64	Redwood		2016			complete	x	x			LCCMR11, 12, CWF
65	Renville		2013			complete			x		DNR
66	Rice		1995			complete					Completed Prior to 2007 *
67	Rock		2022			complete	x		x		LCCMR17, 18,19; DNR
68	Roseau					not started					not funded
70	Scott		1982	2006	underway	revised	x		x		Completed Prior to 2007 *
71	Sherburne		2013			complete	x			x	LCCMR 10; USGS
72	Sibley		2011			complete	x				LCCMR 2008
69	St. Louis		2022			complete	x	x	x	x	LCCMR12, 17, 18, 19, 20; CWF, USGS, DNR
73	Stearns		1995			complete					Completed Prior to 2007 *
74	Steele		2022			complete	x		x		LCCMR 17, 18, 19, 20; DNR
75	Stevens	2022				underway	x			x	LCCMR_21; USGS 24

76	Swift	2021				underway	x			x	LCCMR21; USGS 23-24
77	Todd		2007			complete			x		Completed Prior to 2007 *
78	Traverse	2022				underway	x			x	LCCMR_21; USGS 24
79	Wabasha		2001			complete					Completed Prior to 2007 *
80	Wadena		2016			complete	x	x		x	LCCMR 13, CWF, USGS
81	Waseca	2019				underway	x		x	x	DNR 20-21, ENRTF 21-24; USGS 21-24; DNR drill
82	Washington		1990	2016		revised		x	x		Completed Prior to 2007 *
83	Watonwan					not started					not funded
84	Wilkin					not started					not funded
85	Winona		1984	2014		revised		x			CWF
86	Wright		2013			complete	x				LCCMR 2009
87	Yellow Medicine	2019				underway	x		x	x	LCCMR18,19,20,21; USGS; DNR

FY26-27 CLEAN WATER FUND PROPOSAL

Stormwater BMP Performance Evaluation and Technology Transfer

UMN	Program Number: 82B
Program Contact Name: **Jeff Peterson**	Phone: **612-624-9282**
Contact E-mail Address: **jmpeter@umn.edu**	
Person filling out form: **John Bilotta**	Phone: **612-624-7708**
Person filling out form e-mail address **jbilotta@umn.edu**	

Purpose

The program completes urban stormwater research addressing priority water resource needs for Minnesota communities, professionals, and policy leaders. Research focuses on new and revised stormwater practices and policies as well as developing systematic ways of increasing the effectiveness and efficiency of practices used to manage urban stormwater. A majority of the funds (~65%) will be invested in research through competitive or direct pass-through processes. Research is and will be conducted by a variety of Minnesota's academic institutions, public agencies, and private industry and by collaborations of all three. This research will address unanswered questions and high-priority information needs revolving around urban stormwater management. The research will develop additional management practices and increase the effectiveness of frequently used practices.

The program also provides technology transfer of research results; that is training, outreach, and Extension education to Minnesota professionals, practitioners, and policy leaders. Approximately 20-25% of the funds will be invested in technology transfer efforts that deliver the research discoveries, information, and tools to those who can best use it to make informed decisions.

Webpages

- Main program webpage: wrc.umn.edu/stormwater
- Secondary webpage: wrc.umn.edu/msrc

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Investing in urban stormwater research provides information and resources to address high-priority questions and needs communities, professionals, and policy leaders have about stormwater management. Research leads to the improvement of existing practices, the discovery of new innovative techniques, and increases in the efficiency and effectiveness of frequently used practices and management approaches. These research efforts result in applications in communities that protect and restore surface water and groundwater resources

and minimize the impacts of runoff and pollutants from the built urban environment. Applied research allows professionals and policy leaders to choose the best and most efficient management practices and policies. Continuing and expanding the investment in research brings the opportunity to ensure the 'best' is achieved in the best management practice (BMP) paradigm. Investing a portion of the program in technology transfer also ensures the discoveries are delivered and shared with those in Minnesota who can most benefit from them. Effective outreach, training, and resources are provided to public and private practitioners, professionals, and policy leaders to incorporate this new science into designing, planning, construction, management, and other aspects of implementation and decision-making.

PRIOR APPROPRIATIONS	
FY10-11	
FY12-13	
FY14-15	
FY16-17	$550,000
FY18-19	$1,500,000
FY20-21	$1,500,000
FY22-23	$1,500,000
FY24-25	$2,000,000
FY25 Supplemental	$1,000,000
TOTAL APPROPRIATED TO DATE	**$8,050,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

[Don't fill out the FY26-27 until you receive agency approval. We will update the form at that time.]

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Groundwater

Goal 1: Protect groundwater from degradation and support effective measures to restore degraded groundwater.

- Strategy: Develop and carry out strategies that will protect and restore groundwater statewide.
  Action: Reduce risk of stormwater contaminants entering groundwater.

Surface water

Goal 3: Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034 via through statewide, regional, or issue-specific programs that help meet water quality goals but are not necessarily prioritized and targeted according to geography.

- Strategy: Enhance compliance for regulatory programs to accelerate progress
  Action: Reduce risk of stormwater contaminants entering surface water.
- Strategy: Support competitive grants for protection and restoration activities.
  Action: Provide opportunities for competitive grants that meet statewide priorities.
- Strategy: Identify policy options that will accelerate the protection and restoration of surface waters.
  Action: Clean Water Council Policy Committee will make annual policy recommendations.

Vision

Goal 1: Build capacity of local communities to protect and sustain water resources.

- Strategy: Maintain and increase capacity of Minnesotans to improve water quality
  Action: Engage non-traditional audiences with water planning and implementation.
  Action: Engage chloride users.
  Action: Engage water managers statewide.
  Action: Support innovative efforts that accelerate progress toward clean water goals.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Ultimately the outcomes of the work are new and revised urban stormwater management practices and policies that protect and improve the health of Minnesota waters or mitigate and minimize the impacts to Minnesota waters from urban runoff. The various outcomes and outputs of completed research are paired with the transfer of new knowledge to practitioners, professionals, and policymakers. An additional outcome is the incorporation of this work and discoveries into stormwater management guidance policies and manuals such as the Minnesota Stormwater Manual. Outputs (measurements) for research include final reports, data, tools, models, formulas, and revised design, installation, and operation and management guidelines. Outputs from technology transfer include training guides, tools, the number of professionals, policy leaders, and practitioners engaged and trained, and the impact on their knowledge, skills, and adoption of use.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Yes. The WRC meets or exceeds a 1:1 match of the CWF allocation. The Minnesota Stormwater Research Council, administered by the WRC, has successfully and will continue to obtain funds from cities, watershed districts and organizations, agencies, and private industry to support the program and match CWF allocations.

Since 2017 *(2017-2024)*, these entities have contributed or pledged more than $1.1M to match and leverage the CWF allocations, averaging more than $157K per calendar year. In addition, the more than thirty research project teams supported since 2017 have contributed more than $1M in cash funds for projects and secured significant in-kind contributions valued at more than $500K. These in-kind contributions are often in the form of professional staff time from cities, watersheds, private industry, agencies, and other research project partners.

In addition, the WRC contributes funding from its Water Resources Act Base through the US Geological Survey (USGS) and also provides administrative support funds from the College of Food, Agriculture, and Natural Resources (CFANS.) Some of these funds are used to support graduate students working on research projects. Minnesota Sea Grant at UMD, provides 50% of the 1FTE Extension Educator for the program utilizing and leveraging national funds from NOAA.

For example, the most recent FY24 Clean Water Fund allocation of $1M* to the program was matched with $170K in cash from watersheds, cities, and private businesses through the Minnesota Stormwater Research Council. In addition, Minnesota Sea Grant matched a specific small, rapid-response research project with a 1:1 cash match of $10K, provided more than $60K in funding to support a 1 FTE Stormwater Extension Educator to fulfill the technology transfer mission of the program, and provided 10% of the 1FTE cost for the program administrator. The pass-through funding recipients during this period working on urban stormwater pond research projects, delivered (leveraged) an additional $850K in cash for the projects from other external sources and $175K for in-kind professional staff time contributions from other organizations, agencies, and from private industry. These examples illustrate the ability of the program to leverage a 1:1 ratio for the CWF allocation.

** Does not include the additional proposed $1M CWF supplemental funds to the program.*

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

Most of the funds (~65%) will be invested in research through competitive or direct pass-through processes. Research is and will be conducted by a variety of Minnesota's academic institutions, public agencies, and partners, and by private industry, and collaborations of all of those. Entities that have received a portion of the funding in previous years include:

- University of Minnesota – multiple research units including St. Anthony Falls Lab, the Department of Bioproducts and Biosystems Engineering, the Department of Forest Resources, and the Department of Ecology, Evolution, and Behavior
- University of Minnesota – Duluth including the Natural Resources Research Institute
- St. Cloud State University
- Barr Engineering
- Emmons and Olivier Consulting
- Stantec Environmental Consulting
- Nine Mile Creek Watershed District (and other districts and organizations indirectly)
- City of Edina (and other cities indirectly)

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	
FY12-13	
FY14-15	
FY16-17	
FY18-19	
FY20-21	
FY22-23	
FY24-25	
FY26-27	

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FY26-27 CLEAN WATER FUND PROPOSAL

Legislative Coordinating Commission Website

LCC	Program Number: 63
Program Contact Name: **Greg Hubinger/Sally Olson**	Phone: **(651) 296-2963 (GH)/(651) 296-9002 (SO)**
Contact E-mail Address: **greg.hubinger@lcc.leg.mn/sally.olson@lcc.leg.mn**	
Person filling out form: **Paul Gardner**	Phone: **651-757-2384**
Person filling out form e-mail address **paul.gardner@state.mn.us**	

Purpose

Ongoing maintenance, security upgrades, and general updates to the Legacy website.

Webpage

Clean Water Fund | Minnesota's Legacy (mn.gov)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

The LCC has been tasked with developing and maintaining a website that shows how revenues generated by the Legacy Amendment and the Environment and Natural Resources Trust Fund are utilized. The Legacy website can be accessed at: www.legacy.leg.mn. The LCC contracted with a website/database consulting firm to build and maintain the Legacy website. State agencies receiving legacy and environment & natural resources trust fund appropriations provide the statutorily required data that is displayed on the website. The LCC also developed an API, which permits agencies to import data from their databases directly to the website. Agencies can also enter project data through an on-line data entry form. The LCC staff provide technical support to the approximately 20 state agencies that report project data. Since the website was initially developed in 2010 upgrades have included an updated reporting structure, design enhancements, modifications to permit easier access and use by mobile devices, the addition of an interactive project map and the addition of interactive infographics that display the appropriations from each fund to the state agencies.

PRIOR APPROPRIATIONS	
FY10-11	$25,000
FY12-13	$13,000
FY14-15	$30,000
FY16-17	$0
FY18-19	$15,000
FY20-21	$9,000

FY22-23	$8,000
FY24-25	$6,000
TOTAL APPROPRIATED TO DATE	**$106,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST

[Don't fill out the FY26-27 until you receive agency approval. We will update the form at that time.]

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

This program is required by law under Minn. Stat. 144D.50, Subd. 4(f).

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Legacy projects will be listed at legacy.leg.mn.gov.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same.

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Each of the four legacy funds and the environment and natural resources trust fund have contributed to the costs for the development and maintenance of the website. Legacy fund liabilities are shared proportionately by the funds, based on their participation in the 3/8ths of one percent sales tax. LCC staffing costs are absorbed within their existing General Fund appropriation.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	
FY12-13	
FY14-15	
FY16-17	
FY18-19	
FY20-21	
FY22-23	
FY24-25	
FY26-27	

FY26-27 CLEAN WATER FUND PROPOSAL

Point Source Implementation Grant (PSIG) Program

Public Facilities Authority	Program Number: 7
Program Contact Name: **Jeff Freeman**	Phone: **651-259-7465**
Contact E-mail Address: **jeff.freeman@state.mn.us**	
Person filling out form: **Jeff Freeman**	Phone: **651-259-7465**
Person filling out form e-mail address **jeff.freeman@state.mn.us**	

Purpose

The PSIG program provides grants to help cities upgrade water treatment facilities to reduce discharge of nutrients and other pollutants to meet TMDL wasteload allocations and other regulatory requirements.

Webpage

Point Source Implementation Grant Program / Public Facilities Authority (mn.gov)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Through the water management framework, impaired and threatened water bodies are identified and restoration and protection strategies are developed to guide point source and nonpoint source implementation activities. The PSIG program provides grants to help municipalities construct wastewater, stormwater, and drinking water treatment projects when the MPCA determines that higher levels of treatment are necessary to meet water quality goals. These include projects to meet Total Maximum Daily Load (TMDL) wasteload allocation requirements and water quality-based effluent limits for phosphorus, chlorides, and other pollutants. MPCA reviews projects for eligibility and ranks them on the annual Project Priority List.

PRIOR APPROPRIATIONS	
FY10-11	$30,200,000
FY12-13	$30,920,000
FY14-15	$18,000,000
FY16-17	$18,000,000
FY18-19	$15,750,000
FY20-21	$18,000,000
FY22-23	$15,936,000
FY24-25	$16,500,000
TOTAL APPROPRIATED TO DATE	**$163,306,0000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST
		Increase

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Goal 3: Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034 via through statewide, regional, or issue-specific programs that help meet water quality goals but are not necessarily prioritized and targeted according to geography.

- Strategy: Enhance compliance for regulatory programs to accelerate progress.
  - Action: Support wastewater treatment plants and stormwater projects seeking to meet tighter Total Maximum Daily Load requirements.
    - Measure: Adequate support of Point Source Implementation Grant (PSIG) program.

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Projects are designed to achieve specific effluent limits and wasteload reductions, and discharges are monitored to verify compliance. Since 2010, Clean Water Fund dollars have helped 108 municipalities implement wastewater and stormwater projects, including 48 wastewater projects to reduce phosphorus discharges to 1 milligram per liter or less, resulting in a total phosphorus reduction of more than 139,000 pounds per year. Additional projects have reduced discharges of nitrogen, chlorides, and mercury.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Increase

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

Since 2017, the PSIG program has also received funding from state general obligation bond appropriations. The Governor's bonding recommendations for 2020 include $75 million for the PSIG program.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that “any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of

representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

Point Source Implementation Grants

CWF Awards, FY 2014-2024

FY	Recipient	CWF award	Leveraged Funds	Project
2014	Cambridge	1,367,406	1,367,406	WWT imp to reduce phos discharge
2014	Dundee	1,199,285	1,342,805	New ww system for unsewered area to meet TMDL
2014	Mankato - Knollwood Park	524,085	574,641	Sewer ext for unsewered area to meet TMDL
2014	Mankato - Stormwater	628,193	628,193	Stormwater BMPs to meet TMDL
2014	Northrop	216,728	240,986	WWT imp to meet TMDL
2014	Oronoco Twp - Kings Park	280,765	70,191	New ww system for unsewered area to meet TMDL
2014	Prior Lake (Spring Lake Twp)	243,882	243,882	Sewer ext for unsewered area to meet TMDL
2014	Raymond	264,638	537,294	WWT imp to meet TMDL
2014	Rice County - Roberds Lake	2,638,674	2,638,673	Sewer ext for unsewered area to meet TMDL
2014	St. Anthony - Stormwater	247,442	247,442	Stormwater BMPs to meet TMDL
2015	Austin - Turtle Creek 1	496,931	496,931	Sewer ext for unsewered area to meet TMDL
2015	Crow Wing Co (North Long Lake)	282,339	290,431	WWT imp to reduce phos discharge
2015	Fillmore County - Greenleafton	678,970	169,743	New ww system for unsewered area to meet TMDL
2015	Grand Lake Twp - Caribou Lake	144,333	36,083	New ww system for unsewered area to meet TMDL
2015	Hayfield	297,182	331,387	WWT imp to meet TMDL
2015	Hayward	80,780	81,399	WWT imp to reduce phos discharge

2015	Hazel Run	405,559	405,558	New ww system for unsewered area to meet TMDL
2015	Mankato - Schaefers Addition	540,773	554,359	Sewer ext for unsewered area to meet TMDL
2015	Minnehaha Creek WD - Stormwater	499,099	529,458	Stormwater BMPs to meet TMDL
2015	Mora	2,931,255	3,086,198	WWT imp to reduce phos discharge
2015	Prior Lake - Mushtown	255,742	299,615	Sewer ext for unsewered area to meet TMDL
2015	Rockford	216,803	225,738	WWT imp to reduce phos discharge
2015	Two Harbors	1,269,495	1,305,929	WWT imp to meet TMDL
2016	Big Lake	551,264	596,350	WWT imp to reduce phos discharge
2016	Elk River	2,487,643	8,378,221	WWT imp to meet TMDL
2016	Monticello	1,080,951	1,165,043	WWT imp to reduce phos discharge
2016	Moose Lake	444,496	446,914	WWT imp to reduce phos discharge
2016	Waterville	2,685,417	3,942,036	WWT imp to reduce phos discharge
2017	Afton	5,742,716	1,435,679	New ww system for unsewered area to meet TMDL
2017	Central Iron Range SD	3,646,347	930,109	WWT imp to meet TMDL
2017	Jackson	1,217,520	447,269	Sewer ext for unsewered area to meet TMDL
2017	Kabetogama Twp - Puck's Point	1,848,828	466,232	New ww system for unsewered area to meet TMDL
2017	Lincoln Pipestone - WTP	4,192,787	1,177,001	WTP to meet TMDL
2017	Minneota	1,142,066	285,516	WWT imp to meet TMDL
2017	Oronoco Twp - Cedar Beach	529,369	132,342	New ww system for unsewered area to meet TMDL
2017	Saint Francis	6,245,456	2,115,351	WWT imp to meet TMDL
2018	Detroit Lakes	1,460,912	2,883,228	WWT imp to reduce phos discharge
2018	Grove City	50,000	95,121	WWT imp to reduce phos discharge
2018	Inver Grove Heights - Stormwater	48,080	74,013	Stormwater BMPs to meet TMDL
2018	Kasson	471,770	122,373	WWT imp to reduce phos discharge
2018	Mantorville	1,875,338	468,834	WWT imp to reduce phos discharge
2018	Morris - WTP	5,264,964	11,381,820	WTP to meet TMDL

2018	Pipestone - WTP	2,922,825	8,373,350	WTP to meet TMDL
2018	Saint Cloud	1,751,389	1,660,635	WWT imp to reduce phos discharge
2018	Winsted	2,358,477	1,053,713	WWT imp to reduce phos discharge
2019	Columbia Heights - Stormwater	318,521	79,631	Stormwater BMPs to meet TMDL
2019	DeGraff	100,000	5,360,091	New ww system for unsewered area to meet TMDL
2019	Gilbert	5,928,303	1,659,472	WWT imp to meet TMDL
2019	Glencoe	1,336,349	6,058,251	WWT imp to reduce phos discharge
2019	Little Falls	500,000	8,475,094	WWT imp to reduce phos discharge
2019	Mankato - S. View Heights II	1,118,925	327,189	Sewer ext for unsewered area to meet TMDL
2019	Windom	464,435	7,432,622	WWT imp to reduce phos discharge
2020	Austin - Turtle Creek 2	118,116	27,500	Sewer ext for unsewered area to meet TMDL
2020	Clearwater River Watershed District	203,546	2,392,475	WWT imp to reduce phos discharge
2020	Lakefield - WTP	146,820	2,281,522	WTP to meet TMDL
2020	Le Sueur Co - West Jefferson Lake	1,049,979	5,419,786	Sewer ext for unsewered area to meet TMDL
2020	Marshall WTP	100,000	6,900,000	WTP to meet TMDL
2020	Mountain Lake	2,435,632	1,795,019	WWT imp to reduce phos discharge
2020	Silver Bay	280,026	485,217	WWT imp to reduce phos discharge
2020	Staples	4,476,559	8,900,039	WWT imp to reduce phos discharge
2021	Hoyt Lakes 2	6,500,000	5,350,815	WWT imp to reduce phos discharge
2021	Loretto	299,502	662,057	Sewer ext for unsewered area to meet TMDL
2021	Cokato	744,058	2,686,015	WWT imp to reduce phos discharge
2021	Saint Paul - Stormwater	100,000	9,092,870	Stormwater BMPs to meet TMDL
2021	Keewatin	253,000	2,052,601	WWT imp to reduce phos discharge
2021	Nashwauk	214,283	8,879,200	WWT imp to reduce phos discharge
2022	Babbitt	3,000,000	5,162,986	WWT imp to reduce phos discharge
2022	Ely	5,101,694	1,398,054	WWT imp to reduce phos discharge

2022	Oronoco 1	400,000	16,158,544	WWT imp to reduce phos discharge
2022	Amboy WTP	551,292	1,387,823	WTP to meet TMDL
2022	Cascade Twp	1,255,639	1,019,303	Sewer ext for unsewered area to meet TMDL
2023	Two Harbors	150,000	7,074,948	WWT imp to reduce phos discharge
2023	Watertown	4,000,000	6,545,234	WWT imp to reduce phos discharge
2023	Austin	2,000,000	17,884,166	WWT imp to reduce phos discharge
2024	Owatonna	2,137,900	6,936,512	WWT imp to reduce phos discharge
2024	Foley	1,000,000	23,522,436	WWT imp to reduce phos discharge
2024	Otsego west	1,000,000	11,768,230	WWT imp to reduce phos discharge
2024	Zumbro Township	1,500,000	7,955,622	New ww system for unsewered area to meet TMDL
2024	Ogilvie	1,118,196	279,549	WWT imp to reduce phos discharge
2024	Saint Paul - Stormwater 1	774,577	193,644	Stormwater BMPs to meet TMDL

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	0.0
FY12-13	0.0
FY14-15	0.0
FY16-17	0.0
FY18-19	0.0
FY20-21	0.0
FY22-23	0.0
FY24-25	0.0
FY26-27	0.0

FY26-27 CLEAN WATER FUND PROPOSAL

Small Community Wastewater Treatment Program

Public Facilities Authority	Program Number: 41
Program Contact Name: **Jeff Freeman**	Phone: **651-259-7465**
Contact E-mail Address: **jeff.freeman@state.mn.us**	
Person filling out form: **Jeff Freeman**	Phone: **651-259-7465**
Person filling out form e-mail address **jeff.freeman@state.mn.us**	

Purpose

The Small Community program provides technical assistance grants and construction loans and grants to help small unsewered communities replace failing septic systems with community subsurface treatment systems.

Webpage

Small Community Wastewater Treatment Program / Public Facilities Authority (mn.gov)

Rationale/Background

Please describe how this program will protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation, or protect drinking water sources.

Minnesota has many areas with significant numbers of noncomplying septic systems in close proximity that are polluting surface waters and groundwater. Local governments interested in community solutions submit projects to MPCA for ranking on the Project Priority List based on the density and condition of existing systems. The program provides technical assistance grants to help communities evaluate potential alternatives and prepare a community assessment report which is submitted for review to MPCA, and construction financing (loans and grants) for projects when they are ready to proceed.

PRIOR APPROPRIATIONS	
FY10-11	$2,500,000
FY12-13	$2,500,000
FY14-15	$4,000,000
FY16-17	$500,000
FY18-19	$250,000
FY20-21	$250,000
FY22-23	$200,000
FY24-25	$200,000
TOTAL APPROPRIATED TO DATE	**$10,400,000**

FY26 Request	FY27 Request	FY26-27 TOTAL REQUEST
		Steady

Alignment with Clean Water Council Strategic Plan

Please indicate which strategy in the Clean Water Council's most recent Strategic Plan applies to this proposal.

Goal 3: Protect and restore surface waters to achieve 70% swimmable and 67% fishable waters by 2034 via through statewide, regional, or issue-specific programs that help meet water quality goals but are not necessarily prioritized and targeted according to geography. o Strategy: Enhance compliance for regulatory programs to accelerate progress.

o Action: Support small unsewered or under-sewered communities for long-term wastewater solutions.

- Measure: Small or no backlog for Small Community Wastewater Treatment.

Outcomes

Describe the likely measurable outcomes of this proposal. (If this program has been funded previously by the Clean Water Fund, please describe the measurable outcomes, outputs, or results achieved to date and how close the program is to a goal, when applicable.)

Since 2010, 34 unsewered communities have received technical assistance grants (max $60,000 each) to conduct site assessments and evaluate potential wastewater treatment alternatives. Six communities received construction funds to build publicly-owned soil-based systems. Many others used other funding sources for regionalization or private system fixes.

Long-term funding vision

If this proposal is funded, should the Clean Water Council expect future requests to increase, decrease, stay about the same, or not be needed? (Do not factor inflation into your answer.)

Stay about the same

Non-CWF Funding

Will this program receive or request other funding from non-CWF sources, or eventually leverage non-CWF sources? If so, please describe. If not, leave blank.

No.

Supplement vs. supplant

Minnesota Statutes 114D.50 Subd. 3 requires that "any state agency or organization requesting a direct appropriation from the clean water fund must inform the Clean Water Council and the house of representatives and senate committees having jurisdiction over the clean water fund, at the time the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose." **Indicate if this proposal will supplement or supplant previous funding.**

Supplement

Past Funding Recipients

If this funding will be disbursed through competitive grants, loans, or contracts, or if recipients are not yet known, please list what entities have received this funding in previous fiscal years and how much.

Small Community Wastewater Treatment Program Awards, FY 2010-2024

Technical Assistance Grants

Recipient	Date	Amount		Recipient	Date	Amount
Myrtle	7/28/2009	23,500		Red Rock Township - Nicolville	1/21/2014	6,885
French Township	8/4/2009	18,500		Oronoco Township - Cedar Beach	4/7/2014	37,798
Lake County	9/17/2009	6,500		Summit Lake Township - Reading	7/1/2014	38,523
Louisburg	12/7/2009	16,450		Steele County - Pratt	10/14/2014	24,283
Carlos Township	2/11/2010	28,000		Dresbach Township	8/4/2015	59,601
Lake View Township	3/8/2010	38,000		Saint Louis County - Sand Lake	7/11/2016	60,000
Leaf Valley Township	7/19/2010	20,269		Tintah	10/17/2016	54,000
Miltona Township	8/2/2010	2,447		Lansing Township	10/19/2016	35,485
Foxhome	9/27/2010	31,535		Fillmore County - Cherry Grove	11/1/2016	28,909
Biscay	11/1/2010	25,475		Oronoco Township - Sunset Bay	11/13/2017	31,001
York Township	11/7/2010	21,858		Zumbro Township - Ryan's Bay	11/13/2017	58,600
Trosky	12/7/2010	18,300		Randolph	11/28/2017	52,533
Amador Township	12/21/2010	25,500		Nobles County	1/2/2018	11,700
Grand Lake Township	3/10/2011	24,500		Rice County - Cedar Lake	4/9/2019	40,169
Northern Township - Birchmont Ct	3/28/2011	19,500		Crystal Bay Township	5/20/2019	43,900
Afton	6/6/2011	19,836		Florence Township - Frontenac	6/29/2020	60,000
Chisago County	10/19/2011	17,000		Kandiyohi County - Big Kandi Island & Point Areas	12/21/2020	36,985
Oronoco Township - King's Park	10/26/2011	24,000		Kandiyohi County - Big Kandi North/NE Area	2/8/2023	60,000
Oronoco	6/28/2012	39,937		Mower County - Dobbins Creek	2/8/2023	60,000
Austin Township - Turtle Creek 1	11/5/2012	7,000		40 Projects		1,238,729
Austin Township - Turtle Creek 2	5/20/2013	10,250				

Construction Grants/Loans

Recipient	Award Date	Amount		Recipient	Award Date	Amount
Red Rock Township - Nicolville	7/7/2010	294,637		Fillmore County	10/14/2014	678,970
Forest City Township	8/20/2010	86,536		Red Rock Township - Nicolville	7/13/2015	177,483
Doran	2/22/2011	70,000		Grand Lake Township	7/16/2015	1,916,142
Steele County - Bixby	8/26/2012	376,333		Amador Township - Almelund	10/22/2015	181,677
Oronoco Township - King's Park	11/4/2013	282,752		Kabetogama Township - Puck's Point	8/24/2016	1,998,000

Biscay	8/13/2014	1,311,547		Oronoco Township - Cedar Beach	9/19/2016	539,852
				12 Projects		7,913,929

State Employees

Indicate the number the full-time state employees supported by the CWF for this program.

FY10-11	0.0
FY12-13	0.0
FY14-15	0.0
FY16-17	0.0
FY18-19	0.0
FY20-21	0.0
FY22-23	0.0
FY24-25	0.0
FY26-27	0.0