

Clean Water Council
Budget and Outcomes Committee (BOC) Meeting Agenda
Friday May 6, 2022 9:30 a.m. to 2:00 p.m.
BY WEBEX ONLY

2020 BOC Members: Steve Besser (BOC Vice-Chair), Dick Brainerd, Gary Burdorf, Frank Jewell, Jen Kader, Holly Kovarik (BOC Chair), Warren Formo, Todd Renville

9:30 Regular Business

- Introductions
- Approve agenda & most recent minutes
- Chair and Staff update
 - Supplemental CWF Appropriation Proposal at Legislature
 - Process for Giving Feedback to Interagency Coordination Team

9:45 Review of Agency and University Proposals Covered at April 25th & May 2nd Council Meetings

[Break at 10:30; Lunch at 12:00 noon]

- Grants to Watersheds with Approved Comprehensive Watershed Plans, BWSR
- Accelerated Implementation Assistance and Grants, BWSR
- Conservation Drainage Management Grants and Assistance, BWSR
- Critical Shoreland Protection-Permanent Conservation Easements, BWSR
- Wetland Restoration Easements, BWSR
- Buffer Law Implementation, BWSR
- Working Land and Floodplain Easements, BWSR
- Surface and Drinking Water Protection/Restoration Grants, BWSR
- Watershed Partner Legacy Grants, BWSR
- Nonpoint Source Restoration and Protection Activities, DNR
- AgBMP Loan Program, MDA
- MN Agricultural Water Quality Certification Program, MDA
- Technical Assistance Program, MDA
- Great Lakes Restoration Projects, MPCA
- Mussel Restoration Pilot Program, DNR
- Culvert Replacement Incentive Program, DNR
- Conservation Equipment Assistance, MDA
- Lake Superior Basin SWCD Match Funding, MPCA/BWSR
- Private Well Initiative, MDH
- Targeted Wellhead/Drinking Water Protection, BWSR
- Irrigation Water Quality Protection, MDA
- Nitrate in Groundwater, MDA
- Future of Drinking Water, MDH
- Metropolitan Area Water Supply Sustainability Support, Met Council
- Water Demand Reduction Grant Program, Met Council
- National Park/Voyageurs Project
- Accelerated Implementation of MS4 Permit Requirements & NPDES Wastewater/Stormwater TMDL Implementation Program (combined presentation), MPCA

Next BOC Meeting Date: Friday, June 3rd

Budget and Outcomes Committee Meeting Summary

Clean Water Council (Council)

April 1, 2022, 9:30 a.m. to 12:00 p.m.

Committee Members present: Steve Besser (Committee Vice Chair), Dick Brainerd, Gary Burdorf, Warren Formo, Jen Kader, Holly Kovarik (Committee Chair), and Todd Renville.

Members absent: Frank Jewell

To watch the WebEx video recording of this meeting, please go to <https://www.pca.state.mn.us/clean-water-council/policy-ad-hoc-committee>, or contact [Brianna Frisch](#).

Regular Business

- Introductions
- Approve agenda and most recent minutes, Dick Brainerd motion for approval, Gary Burdorf, seconded the motion and approved.
- Chair and Staff update
 - Potential for meeting in-person in May
 - The Full Council April 25 meeting will be in-person. The next BOC meeting is May 6, and will be the first in-person moving forward through the budget cycle. All Clean Water Council meetings will continue to include WebEx, so anyone can still attend virtually.
 - Supplemental Clean Water Fund Appropriation Proposal at Legislature
 - Staff discussed having a self-imposed or statutory deadline option for a supplemental proposal in the second year of the biennium. It would make sure we make a decision in time for the Legislature.
 - Motion to explore the possibility of creating a supplemental recommendation process for future years by Jen Kader, seconded by Gary Burdorf, motion approves unanimously. Logistics with state agencies will be checked if there are any potential issues.

Monitoring and Assessment

- **Drinking Water Contaminants of Emerging Concern (CEC)**, by Sarah Fossen Johnson and Myra Kunas MDH (WebEx 00:32:15)

The program has evolved. PFAS has taken center stage with extensive partnerships between programs, agencies, and stakeholders (e.g., MPCA, MDH, MDA and EPA). The MDH can no longer use single chemical approach and currently is sampling for 600 unregulated contaminants. Investments is needed for the laboratory due to technology and vast sampling needs. They are unable to meet all needs with current funding because of the increase in demand for staff time and expertise.

Questions/Comments:

- *Steve Besser:* What do the labs need to investigate the presence and quantity of microplastics and pharmaceuticals (both surface water and drinking water). Microplastics have been found in human blood, and a study in Florida had found pharmaceuticals in bone fish. *Answer:* They are not testing for microplastics. They do have a robust biomonitoring program at the public health laboratory. They do not have the staff to take that work on. It is something they are interested in and would love to support. They do test for some pharmaceuticals, but are limited with staff, funding, and resources.
- *Steve Besser:* With the surplus, what additional funding would be needed for this area? The Council has spoken about this area previously, and may want to pursue this item. *Answer:* The MDH would need to follow up with the Council on this. Currently, microplastics are being researched at the University of Minnesota Duluth.
 - *Dick Brainerd:* I would also support the additional funding being researched so this can be an issue for the Council to recommend additional funding.
 - *Paul Gardner:* Just a two year funding bump would not increase capacity over time. *Response:* The current push is for PFAS work right now, which is all the capacity that MDH has at the moment. The

MDH are very interested in other areas, but the capacity is limited, and the focus has been PFAS.

Response from Tannie Eshenaur: Some 80,000 chemicals in use, so the need will not go away.

- *Dick Brainerd:* With 80,000 contaminants out there what do we need to do to add, and possibly think outside the box to become a state leader?
- *Tannie Eshenaur:* Thank you for the encouragement to think outside the box but we are very cognizant with public funding dollars. We want to be sure that the committee knows that we're not looking to replace EPA and the risk assessment work that we do, or other labs but our focus is really on what is relevant in regards to contaminants in Minnesota.

- **MPCA Input on CECs**, by Catherine Neuschler. (WebEX 00:56:51)

PFAS becoming more a contaminant that needs to be regulated and not so much an emerging concern. If that is the case, that would free up funds for CECs such as the microplastics work. There was a legislative appropriation of \$800,000 that was sent to the MDH with the direction to the agencies to look at microplastics. Due to COVID capacity limitations the funds were moved to the MPCA. The MPCA is currently going through the contracting and processes to get set up. There are not standardized methods for looking at microplastics. Collaborating with UMD and US Geological survey to work with groundwater, drinking water, and surface water; and to what extent is needed to monitor regularly for microplastics.

Questions/Comments:

- *Paul Gardner:* There is a robust work plan that was put together by MDH and MPCA which lays out this strategy. *Answer:* Yes, there is and I would be happy to provide that.
- *Paul Gardner:* Is it harder to do sampling or establish aquatic toxicity due to it being a particulate? *Answer:* I don't know but there are unique challenges and this type of sampling is very complex work.
- *Jen Kader:* Freshwater has a free event coming up in a couple of weeks (April 13) titled "Why is it raining plastics?" <https://freshwater.org/moos-family-lecture-series/>.

- **Red River Watch** (Red River Watershed Board) (WebEx 01:06:45)

There was small discussion on the fact that it is a good program but the CWC doesn't fund other education, outreach programs like this across the state.

- **Overview on the DNR following programs: Aquifer Monitoring for Water Supply Planning, Fish Contaminant Assessment, Lake Biology Integrity Assessment, Buffer Map Maintenance, Stream Flow and Sediment Monitoring** by Paul Gardner.

Questions/Comments:

- *Steven Besser:* In regards to monitoring the fish I would like to know if testing of microplastics and pharmaceuticals is possible as they are present in fish tissue? *Answer from Catherine Neuschler:* We don't routinely test fish tissue but it has been done in a recent 2020 study on PPCP in water, sediment, and fish at: <https://www.sciencedirect.com/science/article/abs/pii/S0048969720315709?via%3Dihub>.
- *Barbara Weisman:* As noted in the write-up for DNR's Fish Contamination Assessment program: PFOS doesn't follow typical bioaccumulation patterns that we've observed for mercury and PCBs. Enhanced and systematic sampling could better understand PFAS accumulation and revise fish consumption advice.

- **River and Lake Monitoring and Assessment, MPCA**, by Kim Laing (WebEx 01:15:54)

The MPCA is requesting increases due to partner requests and also higher cost (e.g., buy equipment, renting boats, etc.).

Questions/Comments:

- *Paul Gardner:* Is the Red River Basin using monitoring data to create flexible permits for wastewater plants to reduce costs? They would then have the ability to pay landowners upstream by using accurate monitoring data to reduce phosphorous in that watershed, then the monitoring data allows for the verification? *Answer:* I don't know the specifics of the Red River basin, but the idea/purpose of using monitoring data is to make informative decision on implementation, permitting, restoration protection, and how we are utilizing that data to make really informed decisions in changing the environment.

- **Groundwater Monitoring and Assessment**, MPCA Catherin Neuschler (*WebEx 01:27:46*)

We have 270 wells around the state in shallow sand and refers to early warning network. Working on having more sensors and telemetry to have continuous data without having to go out to the sites. This is to help understand the impact of climate change and increase precipitation. Looking at the regular cost of 40 wells monitoring annually for PFAS and also at the micro plastics.

Questions/Comments:

- *Paul Gardner:* We fund a lot of wells, do we coordinate on that agency wide? *Yes, we have our own networking design and we have a lot of early warning network such as checking pesticide samples.*
- *Paul Gardner:* Can you give an example of where that data has informed something like the WRAPS or comprehensive watershed plans? *Answer:* Agencies are discussing better inclusion of groundwater information into the 1W1P and WRAPS. We contribute all the information we have from ambient groundwater network from our remediation sites that are focused more on contaminated ground water for their GRAPS, but I don't have specific examples.

- **Monitoring for Pesticides in Surface Water and Groundwater**, MDA, by Bill VanRyswyk (*WebEx 01:32:24*)

The \$700,000 per biennium that goes to the MDA analytical lab is used to enhance the capability and capacity of the lab to do additional samples and look for additional chemicals. These dollars pay for analytical positions and chemists in the laboratory.

Questions/Comments:

- *Paul Gardner:* In the last meeting there was some comment about the neonicotinoids. *Answer from Dan Stoddard:* We have done a bunch of work on that, and have done a special registration review on neonicotinoid. We have also declared two of them to be surface water pesticides of concern. Under our pesticide management plan we're going to ramp up efforts to education and promote BMPs on them.

- **Pesticide Testing of Private Wells**, MDA, By Bill VanRyswyk (*WebEx 01:36:44*)

Money is appropriated to test private wells for pesticide presence in drinking water. Sampled nitrate in 30,000 wells across the state. The homeowners in the program that had nitrate in their water were offered free pesticide testing. The collection of 6,000 samples from private drinking water wells for pesticides and the chemical cyanazine stood out. They scaled back of focus on 11 chemicals compared to the 125 and that significantly reduces our analytical budget.

Questions/Comments

- *Paul Gardner:* Is it still 70,000 wells that you are looking at? *Answer:* I think it was just over 30,000 that were sampled out of that 70,000 and then only some of those had nitrate detection, so maybe 50 of that 30,000 hit nitrate detection and then only about half of those folks actually wanted their wells tested for pesticides. There was about 50% response rate for those that wanted to have their wells tested.

BREAK (Five Minutes)

Watershed & Groundwater Restoration/Protection Strategies

- **Watershed Restoration and Protection Strategies (WRAPS) and TMDL development**, MPCA, Glenn Skuta (*WebEx 01:41:40*)

There has been a constant funding decrease of this item as we've completed the first round of WRAPS and TMDLs. The plan is to reduce again and that just makes more money available for implementation while still enabling us to provide the watershed science.

Questions/Comments

- *Paul Gardner:* What data sets are paid for by the Clean Water Fund? *Answer:* The information that Kim Laing presented on the surface water monitoring and assessment is a lot of the information that is used where there's impairments identified. That's where we do the TMDLs that share the cleanup reports on how to return a waterbody to meeting water quality standards. Those that do not show impairments are also looked at to show the appropriate protection strategies that should be used. The DNR provides

hydrology for the WRAPS. MDH has GRAPS reports that we also reference for the WRAPS. Ultimately, this all feeds into creating the 1W1P that drives the implementation for local water plans.

- **Watershed Restoration and Protection Strategies (WRAPS)**, DNR by Barbara Weisman (*WebEx 01:46:39*)
The DNR adds stream geomorphology, data hydrology, and connectivity data into the WRAPS process. These funds also support the DNR watershed health assessment framework, to help people explore watershed health more broadly.

Questions/Comments

- *Paul Gardner:* Is there a public interface on the watershed health assessment framework (WHAF)?
Answer: Yes, there is an interactive map and there's a number of reports that go along with that.
- *Paul Gardner:* You have the culvert inventory baseline data that supports the culvert cost share? *Answer:* Yes, the program does support some of that work.

- **Groundwater Restoration and Protection Strategies (GRAPS)**, MDH by Carrie Raber (*WebEx 01:49:35*)
New initiative is to add three new FTEs to advance groundwater protection. The GRAPS reports will be created for all watershed engaged in the 1W1P. There are barriers on implementation on groundwater actions due to limiting engagement factors. To resolve these issues is to establish regional experts (3 pilot positions) across the state and targeting certain key areas where the experience groundwater quality and quantity concerns exist. The Key focus is the Southwest - Region 5, Central Sands – Region 2, and Southeast – Region 7. The MDH is requesting a modest increase for these new positions that would require \$125,000 to \$150,000 salary for each position.

Questions/Comments

- *Jen Kader:* One of the limitations that was noted was staff capacity to complete the GRAPS, and is there funding that is going towards helping to complete the GRAPS process? *Answer:* I did acknowledge that we have a capacity issue and one was the FTEs that are noted. The other is the exploration of using consultants or others to help complete the reports that we're falling behind on. Looking at the current budget we are able to absorb that cost to complete the GRAPS reports for the 2025 1W1P.
- *Jen Kader:* What relationship would the new pilot positions have in regards to the 1W1P process that are either doing their five year or soon to do their 5 year update? *Answer:* For the new positions, there is a need for groundwater expertise in the planning process of GRAPS, and a trusted partner for peer learning to engage at a local level.

- **Source Water Protection**, MDH, by Steve Robertson (*WebEx 02:05:46*)
We do a variety of planning and implementation activities to try to secure the protection of water resources that are used for sources of drinking water supplies statewide. A drinking water supply management area (DWSMA) is where we focus implementation efforts. After delineating the DWSMA, we can produce the source protection plan. We are trying to make our program more effective by adapting watershed-scale planning and implementation by developing better tools, and planning processes to fit into the 1W1P. Need to beef up engagement for smaller public water systems. We also use the drinking water ambient monitoring program that samples for unregulated contaminants such as PFAS. Need to collaborate with other agencies with CECs.

Questions/Comments

- *Tannie Eshenaur:* We need to be strategic and cost effective in the use of public dollars and as an executive branch we rely on MPCA and MDA to do the initial monitoring work and based on what they find, we then do our more specialized work on drinking water sources.
- *Paul Gardner:* How do you determine what CECs to look at? *Answer:* We have an interagency fact sheet and have multiple ways to see what is out there. We have an interagency groundwater drinking water team that meets monthly that evaluates what contaminants need to be focused on and establish a protocol to prioritize/rank those to look at. More recent teamwork that's gone on is with MDA with pesticide cyanazine.

- *Paul Gardner:* What would be the final outcome, is it health based guidance from MDH, or aquatic toxicity guide from MPCA, or a pesticide of concern from MDA? *Answer:* Usually MDH takes the lead in the health risk assessment, but the same kind of toxological processes that we do to protect people are used by the MPCA for ecological risks.
- *Comment by Dan Stoddard:* We register pesticides and do a review of their potential risk in Minnesota. If it is likely to be a concern in MN we use our own laboratory that has expertise in developing methods for that particular compounds of use in MN. We then meet with MDH and MPCA and work on developing analytical lists and develop standards. There is an extremely rigorous process in place for pesticides.

Comprehensive Local Watershed Management: BWSR

- Water Management Transition (One Watershed, One Plan), BWSR by Marcey Westrick (WebEx 02:27:21)

We are on target to meet the 2025 goal for initiating 1W1P statewide. Currently, there are 25 completed watershed plans and 25 partnership plans that are in the planning process. We anticipate decreased funding as the program begins to ramp down.

Comments/Questions

- *Jen Kader:* What is the role of BWSR staff in working with local partners as they review where they're at the 5 year point? *Answer:* We are doing an assessment of the 1W1P program through the Department of Administration and there will be information on that and the plans that began during the pilot phase are reaching that 5 year plan. We are discussing how BWSR and staff can best support those local governments in their 5 year plan updates.
- *Paul Gardner:* With 11 watersheds late last year that have grants the assumption is that there will be fewer needs for the competitive projects and practice grants because more watershed have approved plans? *Answer:* Yes, that is correct the competitive funding dollar amounts would go down.

Comments:

Paul Gardner: For the next meeting, the committee may want to start discussion about what criteria to use if the 47 million dollar surplus of funds is available.

Dick Brainerd: Support the discussion.

Adjournment: Motioned by Dick Brainerd and second by Gary Burdorf, motion approved (*WebEx 02:37:29*)

Budget and Outcomes Committee Meeting Summary
Clean Water Council (Council)
March 4, 2022, 9:30 a.m. to 12:00 p.m.

Committee Members present: Steve Besser (Committee Vice Chair), Dick Brainerd, Gary Burdorf, Warren Formo, Frank Jewell, Jen Kader, Holly Kovarik (Committee Chair), and Todd Renville.

No members absent.

To watch the WebEx video recording of this meeting, please go to <https://www.pca.state.mn.us/clean-water-council/policy-ad-hoc-committee>, or contact [Brianna Frisch](#).

Regular Business

- Introductions
- March 4 meeting agenda and the February 4 meeting summary, as one motion for approval by Dick Brainerd, seconded by Gary Burdorf, motion approved by roll call.
- Chair and staff update
 - There are bills moving through the Legislature. One to note for the Budget and Outcomes Committee (BOC) is on chloride. It would help the certification system for the Minnesota Pollution Control Agency's (MPCA) Smart Salting program, and create liability protection for snow removal applicators who have gone through the program.
 - Pau Gardner (Clean Water Council Administrator) attended the [We Are Water](#) opening in Winona, MN.

The Confluence of Drainage and Clean Water, by Tom Gile, Resource Conservation Section Manager, Board of Water and Soil Resources (BWSR) (WebEx 00:17:30)

This is to provide an overview of drainage in Minnesota and impacts on clean water.

- Drainage has been in Minnesota since 1858, with the first drainage statute being adopted with the first Minnesota Legislature. It authorizes drainage corporations to be formed between groups of land owners working to facilitate drainage (drain lands, drain low laying areas, to make land usable for agriculture).
- In the current drainage code, the drainage authority acts as the drainage system's governing body. They administer proceedings and procedures; approve petitions; hold hearing; make findings; issue orders; appoint engineers, viewers, and inspectors; engage or retain attorneys; and work with appropriation costs. A "drainage system" mean a system of ditch or tile, or both, to drain property, including laterals, improvements, and improvements of outlets, established and constructed by a drainage authority. The drainage system includes the improvement of a natural waterway used in the construction of a drainage system and any part of a flood control plan proposed by the United States or its agencies in the drainage system. Not all ditches or tile are considered part of the public systems. However, there may be private agreements.
- Drainage authority power includes: to construct and maintain drainage systems; to depend, widen, straighten, or change the channel or bed of a natural waterway that is part of the drainage system or is located at the outlet of a drainage system; extend a drainage system into or through a municipality for a suitable outlet; and the construct necessary dikes, dams, and control structures and power appliances, pumps, and pumping machinery.
- Another subdivision shares the intricacies of external sources of funding: drainage authority may accept and use fund from sources other than, or in addition to, those derived from assessments based on the benefits of the drainage system for the purposes of wetland preservation, restoration, creation of water quality improvements, or flood control. The sources of funding authorized under this subdivision may also be used outside of the benefitted area, but must be within the watershed of the drainage system. This can have an impact on the Clean Water Funds (CWFs). The provision is relatively new, added in 2000.
- Drainage is spread out across the state, a little less in the upper part of the state. There are areas where these drainage systems are more intense. Looking at clean water work, it includes water that has impact on the drainage systems.

- Drainage can be complicated. Different proceedings are used for different actions. There are legal steps. Landowners and drainage boards can have big impacts as well.
- All costs for constructing a drainage project may be apportioned to the benefited property owners in proportion to the project's monetary benefits. This is determined by viewers and approved by the drainage authority. The costs of a repair anywhere on a drainage system are apportioned pro rata (and is landscape specific including contributing runoff and relative sediment delivery to the drainage system). Also, the projects need to be a net gain. It can be complicated because these folks often need to wear different hats.

Questions:

- Steve Besser: I've noticed there has been more patterned tiling and black fields in the last few years. What is being done to educate people on alternatives to tiling? How does this tile impact the soil health?
 - *Answer:* There is a lot of outreach about alternatives. Others may have more of an idea on this work. Soil health can have conflicting interpretations, so when landowners add drainage tile thinking it is benefiting soil health, it may be interpreted differently.
 - *Comment by Warren Formo:* Drainage affects, and is affected by, different soils. On many drain acres, there is an advantage to being able to do more soil health practices once the field is adequately drained. This is because of the ability to manage that water better.
- Paul Gardner: This does seem to be a sensitive topic. Are there any terms or words that would be beneficial to use when talking about these topics with the Legislature, or stakeholders? Any that we should mind and avoid that may be triggering? *Answer:* I will get back to you. The construct of soil health is even tricky (i.e., the success of the agriculture versus the different chemical components making up the soil).
- Warren Formo: One of the biggest challenges that I deal with in agriculture, both from the agricultural side as well as those who may be critical of it but don't know as much about drainage, is the generalization. Not all drainage is bad, and not all drainage is good. Some drainage infrastructure, especially in the southern half of the state, is over a hundred years old, which is now being replaced. Sometimes it is improvement, but sometimes it is maintenance. There may be opportunities being missed, because when these systems are being worked on, with the machinery present, it is a great way to build on the restoration. Those pieces are ideal to complete impoundments, and the landowners can be willing, and approached in the right way. Funding would also be important. The Council is asked to provide recommendations on CWFs, and there are a few areas (drainage management grants and water retention discussions) that can be supported. Perhaps some additional funds can be made available, considering the surplus. Another area is a research and development site in [Wilkin County](#), where people can go to learn more about drainage. There is a need to have this kind of location in the southern part of the state as well. A recommendation for this would be good, also the collect data and provide more public education on it.

Recommendations for Water Supply Planning in the Metro Area (WebEx 01:30:30)

The Metropolitan Area Water Supply Advisory Committee (MAWSAC) submitted a report to the Metropolitan Council and the Legislature.

- Lanya Ross, Environmental Analyst, Water Supply Planning, Metropolitan Council (WebEx 01:31:00)
 - Minn. Stat. 473.1565: The policy advisory committee's report and recommendations must include information provided by the technical advisory committee (TAC) by February 15, 2022.
 - MAWSAC informs the Council's water supply planning activities and preparation of its regional development framework.
 - MAWSAC and TAC are unique resources the Met Council can tap for water supply planning expertise and partnerships, and for state and regional policies and funding investments.
 - The report says that the regional water supply will be sustainable by maximizing existing infrastructure, using efficiency and conservation, balancing multiple water sources to meet demand, aligning with agency directions, recognizing uncertainty and minimize risk, maintaining groundwater levels, preventing groundwater contamination spread, and protecting surface water flows.
 - Funding is needed for public water suppliers' and partners' emergency responses; Communities across the region need and are seeking funding for proactive infrastructure upgrades and expansion; Coordination across political boundaries is critical, because one community's water supply decisions will

impact others. Proposals have the most impact when they can advance multiple goals at once, like water quality, land use, groundwater-surface water interaction, and water supply infrastructure. We look for opportunities to remove regulatory barriers to help advance our goals for the region, and request information from water utilities and resource managers to craft effective legislation.

- The report focused on four area goals: water quality, land use and water supply connections, understanding and managing groundwater and surface water interactions, and water supply infrastructure.
- They worked with a few working groups. This feedback did reflect the goals and concerns by MAWSAC.
- See the report on MAWSAC's webpage: <https://metro council.org/Council-Meetings/Committees/Water-Supply-Advisory-Committee.aspx>. There is more information on the supply planning work on this webpage: <https://metro council.org/Wastewater-Water/Planning/Water-Supply-Planning.aspx>
- Phil Klein, City of Hugo (*WebEx 01:43:30*)
 - The City of Hugo has taken an aggressive approach to help in this area. They are now facing a forty percent reduction in water use by the Department of Natural Resources (DNR), due to the work with White Bear Lake. Hugo has done a great job with their water reuse. They recommend funding for projects that address water infiltration rates, and water quality outcomes. They also recommend continued funding for water conservation projects, and enhancing the ability to use water, not to restrict it.
- Mark Maloney, City of Shoreview (*WebEx 01:46:00*)
 - The White Bear Lake lawsuit, and all of the dialogue, has demanded a more credible response to people when it comes to water. Our elected officials are asked to make big decision in the investment of water, and it would help to have better data when it come to the interaction between surface water and groundwater. It can be compartmentalized between agencies and disciplines. One of the nice things about this committee, the regional water supply plans have been informed by on the ground water producers, so there is more credibility gained. Regarding funding recommendations, it would be helpful to consider support for, or funding for, programs that increase the availability of data where many agencies can benefit from. They are a small portion of the Metro Area, so getting more tools to use to help in this area is so beneficial to help the cities make positive choices.
- Jim Stark, Subcommittee on Minnesota Water Policy (*WebEx 02:11:00*)
 - It has been a pleasure to work on this process and report in detail. It fits along with other items running in parallel: [The Future of Minnesota Drinking Water: A Framework for Managing Risk](#), [A Survey of the Groundwater Act of 1989](#), and also bills from the Subcommittee on Minnesota Water Policy. It covers water sustainability, water security from source to tap, groundwater and surface water actions.

Questions:

- Jen Kader: Regarding your prioritization, has there been any recommendations to which priority goes first?
 - *Answer:* In the meetings, we heard a lot about increased funding, in particular related to helping the public water suppliers tackle water quality issues, and public health and safety.
 - *Comment from Phil Klein:* I would like to see funding for the soil and water conservation ponds. They have been very helpful. There are some things that need to be changed that would be helpful. The regulatory agencies could streamline some requirements to ease contracting for drainage projects.
 - *Comment from Mark Maloney:* The City of Shoreview has benefited from grant programs that are specific to stormwater reuse, as well as water efficiency grant programs. They have developed their own platform for their customers to be more aware of water conservation, on a personal level. The people who live there can see their personal water consumption, and get personalized water conservation strategies specific to their household. It sounds like a small thing, but even small grants for irrigation controller rebate programs, can be really helpful moving forward in this area. We appreciate the support for programs like that, which support stormwater reuse, cost-share, or water efficiency grant programs.
- Paul Gardner: The Council's Strategic Plan does include an outcome that they are looking for, which is the reduction in the Metro Area of 150 million gallons per year. CWFs support the water efficiency program for commercial and industrial users of groundwater, and the water efficiency grants program.

Adjournment (*WebEx 02:17:59*)

Program Name **Grants to Watersheds with Approved Comprehensive Watershed Plans (Watershed-based Implementation Funding)**

Program Contact Name **Annie Felix-Gerth**

Phone **651-238-0677**

Contact E-mail Address: **annie.felix-gerth@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**

Which activities of the Water Management Framework does the proposal address?

Nonpoint Source Implementation

Statutory citation that guides program activities, if applicable:

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.

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.

Provides non-competitive funding to local government partnerships to implement prioritized and targeted activities identified in the plan that will yield the highest return on investment for cleaner water

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATED	TOTAL FY10-23
\$0	\$0	\$0	\$0	\$9,750,000	\$26,966,000	43564000	80280000

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?	\$0		How much of this request will protect drinking water sources INDIRECTLY?	\$0
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?	
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"
Goal 2	"Groundwater is clean and available to all in Minnesota"
Goal 3	"Surface waters are swimmable and fishable throughout the state"
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

Goal 1, Strategy 4; Goal 2, Strategy 6, Goal 3, Strategy 1, Strategy 10, 12, 13, Goal 4, Strategy 4

Describe the likely measureable 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 .

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

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

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

0.89230769230769225

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

91%

Indicate the number the full-time state employees supported by the CWF in this proposal

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23	FY24-25
0	0	0	0	4.400000 0000000 004	5.400000 0000000 004		

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?** **Yes**

Program Name **Accelerated Implementation**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**

Which activities of the Water Management Framework does the proposal address?

Nonpoint Source Implementation

Statutory citation that guides program activities, if applicable:

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.

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. Activities include: 1) increase technical assistance through regional technical service areas (TSAs), 2) technical training and certification, 3) leveraging federal program dollars, and 4) developing and using analytical targeting tools that fill an identified gap.

1) Increases technical assistance through regional technical service areas (TSAs), 2) provides technical training and certification to soil and water conservation district, 3) inventories of potential restoration or protection sites, and 4) developing and using analytical targeting tools like PTMApp that fill an identified gap.

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATE	TOTAL FY10-23
\$0	\$6,600,000	\$8,000,000	\$12,000,000	\$7,600,000	\$8,000,000	9682000	51882000

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?	\$0		How much of this request will protect drinking water sources INDIRECTLY?	\$0
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?		
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"	Yes
Goal 2	"Groundwater is clean and available to all in Minnesota"	No
Goal 3	"Surface waters are swimmable and fishable throughout the state"	Yes
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"	No

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

Goal 1, Strategy 4; Goal 2, Strategy 6, Goal 3, Strategy 1, Strategy 10, 12, 13, Goal 4, Strategy 4

Describe the likely measureable 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

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

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

0.68421052631578949

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

80%

Indicate the number the full-time state employees supported by the CWF in this proposal

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23	FY24-25
0	0.900000 0000000 0002	2.5	4.599999 9999999 996	7.400000 0000000 004	3		

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?** **Yes**

Program Name **Conservation Drainage Management and Assistance**

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**

Which activities of the Water Management Framework does the proposal address?

Nonpoint Source Implementation

Statutory citation that guides program activities, if applicable:

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.

Directed at Drainage authorities to targets priority drainage systems that are impacting water quality.

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATED	TOTAL FY10-23
\$0	\$0	\$0	\$1,500,000	\$1,500,000	\$1,700,000	1700000	6400000

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?	\$0		How much of this request will protect drinking water sources INDIRECTLY?	\$0
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?			
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"		No
Goal 2	"Groundwater is clean and available to all in Minnesota"		No
Goal 3	"Surface waters are swimmable and fishable throughout the state"		Yes
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"		No

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

Goal 3, Strategy 1, Strategy 5

Describe the likely measureable 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 sidewater inlets, grassed waterways and storate and treatment wetlands in high priority drainage systems

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

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

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

0.40666666666666668

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

85%

Indicate the number the full-time state employees supported by the CWF in this proposal

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23	FY24-25
0.100000 0000000 0001	0.699999 9999999 9996	0.699999 9999999 9996	0.699999 9999999 9996	1.2	0.299999 9999999 9999		

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?** Yes

Program Name **Critical Shoreland Protection-Permanent Conservation Easements**

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**

Which activities of the Water Management Framework does the proposal address?

Nonpoint Source Implementation

Statutory citation that guides program activities, if applicable:

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 purchase permanent conservation easements to protect lands adjacent to public waters with good water quality but threatened with degradation. Easement focus is in the headwaters of the Mississippi Basin for protection of tributaries and the Mississippi River, to provide source water protection for numerous Twin Cities and rural communities along the Mississippi River

Protects high quality lakes and source water in the Upper Mississippi Basin

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATED	TOTAL FY10-23
\$0	\$0	\$0	\$2,000,000	\$2,000,000	\$3,000,000	2468000	9468000

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?	\$0		How much of this request will protect drinking water sources INDIRECTLY?	\$0
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?			
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"		Yes
Goal 2	"Groundwater is clean and available to all in Minnesota"		No
Goal 3	"Surface waters are swimmable and fishable throughout the state"		Yes
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"		No

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

Goal 3, Strategy 1, Strategy 5

Describe the likely measureable 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.)

Additional acreage of permanent protection around high quality lakes and source water protection areas in the Mississippi Headwaters

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

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

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

0.90000000000000002

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

90%

Indicate the number the full-time state employees supported by the CWF in this proposal

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23	FY24-25
0	0	0	1.899999 9999999 999	1.899999 9999999 999	0.599999 9999999 9998		

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?** [Yes](#)

Program Name **Wetland Restoration Easement**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**

Which activities of the Water Management Framework does the proposal address?

Nonpoint Source Implementation

Statutory citation that guides program activities, if applicable:

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. Will hold water in upper watershed areas for de-nitrification, rate and volume control.

Acquire permanent conservation easements and restore wetlands in priority areas statewide that will hold water in upper watershed areas for de-nitrification, rate and volume control.

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATED	TOTAL FY10-23
\$0	\$0	\$0	\$0	\$0	\$0	5660000	5660000

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?	\$0		How much of this request will protect drinking water sources INDIRECTLY?	\$0
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?			
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"		No
Goal 2	"Groundwater is clean and available to all in Minnesota"		No
Goal 3	"Surface waters are swimmable and fishable throughout the state"		Yes
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"		No

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

Goal 3, Strategy 6

Describe the likely measureable 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 wetland acres

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

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

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

0.90000000000000002

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

90%

Indicate the number the full-time state employees supported by the CWF in this proposal

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

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?** [Yes](#)

Program Name **Buffer Law Implementation**

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**

Which activities of the Water Management Framework does the proposal address?

Nonpoint Source Implementation

Statutory citation that guides program activities, if applicable:

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.

Provides program oversight and grants to support local governments in their implementation of the statewide buffer law.

Funds are made available on a non-competitive, formula-based basis to SWCDs to support their local implementation of the buffer law

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATED	TOTAL FY10-23
\$0	\$0	\$0	\$5,000,000	\$5,000,000	\$5,000,000	3872000	18872000

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?	\$0		How much of this request will protect drinking water sources INDIRECTLY?	\$0
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?		
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"	No
Goal 2	"Groundwater is clean and available to all in Minnesota"	No
Goal 3	"Surface waters are swimmable and fishable throughout the state"	Yes
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"	No

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

Describe the likely measureable 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 enforcement of Minnesota's Buffer Law

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

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

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

0.80000000000000004

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

80%

Indicate the number the full-time state employees supported by the CWF in this proposal

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23	FY24-25
0	0	0	3	3	3		

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?** [Yes](#)

Program Name **Working Lands Floodplain Easements [formerly Riparian Buffer-Permanent Conservation Easements]**

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**

Which activities of the Water Management Framework does the proposal address?

Nonpoint Source Implementation

Statutory citation that guides program activities, if applicable:

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.

Easements to set aside sensitive land in riparian corridors to address water quality, including rate and volume concerns. Based on a conservation plan, participating landowners will have options to establish flood hardy understory, establish trees, haying/grazing, silviculture, silvopasture, agroforestry with payment structure based on the proposed use.

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATED	TOTAL FY10-23
\$6,900,000	\$12,000,000	\$13,000,000	\$9,750,000	\$9,750,000	\$9,500,000	3872000	64772000

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?	\$0		How much of this request will protect drinking water sources INDIRECTLY?	\$0
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?		
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"	
Goal 2	"Groundwater is clean and available to all in Minnesota"	
Goal 3	"Surface waters are swimmable and fishable throughout the state"	
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"	

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

Describe the likely measureable 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.)

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

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.**

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

0.90526315789473677

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

Indicate the number the full-time state employees supported by the CWF in this proposal

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23	FY24-25
1.5	2.600000 0000000 001	2.799999 9999999 998	18.5	11.1	2		

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?** Yes

Program Name **Surface and Drinking Water Protection/Restoration Grants: (Projects and Practices)**

Program Contact Name **Annie Felix-Gerth**

Phone **651-238-0677**

Contact E-mail Address: **annie.felix-gerth@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**

Which activities of the Water Management Framework does the proposal address?

Nonpoint Source Implementation

Statutory citation that guides program activities, if applicable:

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.

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.

Increase implementation of voluntary conservation across MN

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATED	TOTAL FY10-23
\$6,000,000	\$29,100,000	\$21,400,000	\$20,380,000	\$19,500,000	\$32,000,000	22266000	150646000

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?	\$0		How much of this request will protect drinking water sources INDIRECTLY?	\$0
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?		
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"	Yes
Goal 2	"Groundwater is clean and available to all in Minnesota"	No
Goal 3	"Surface waters are swimmable and fishable throughout the state"	Yes
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"	Yes

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

Goal 1, Strategy 4; Goal 3, Strategy 1, Strategy 10, 12, 13, Goal 4, Strategy 4

Describe the likely measureable 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

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

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

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

0.90256410256410269

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

90%

Indicate the number the full-time state employees supported by the CWF in this proposal

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23	FY24-25
3.899999 9999999 999	6.5	8	7.900000 0000000 004	3.700000 0000000 002	11.19999 9999999 999		

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?** **Yes**

Program Name **Watershed Partners Legacy (WPL) Grants**

Program Contact Name **Annie Felix-Gerth**

Phone **651-238-0677**

Contact E-mail Address: **annie.felix-gerth@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**

Which activities of the Water Management Framework does the proposal address?

Nonpoint Source Implementation

Statutory citation that guides program activities, if applicable:

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. Program is for water quality improvement projects to protect, enhance, and restore water quality in lakes, rivers, and streams and protect groundwater from degradation. BWSR would manage this reimbursable program to provide matching grants from \$5,000 to \$50,000 to local, regional, state, and national nonprofit organizations, tribal governments and including government entities. Projects will be evaluated and prioritized based on alignment with state-approved and locally-adopted comprehensive watershed management plans or related scientific information.

Increase implementation of voluntary conservation across MN

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATED	TOTAL FY10-23
\$0	\$3,000,000	\$3,000,000	\$1,500,000	\$0	\$0	1000000	8500000

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?	\$0		How much of this request will protect drinking water sources INDIRECTLY?	\$0
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?		
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"	Yes
Goal 2	"Groundwater is clean and available to all in Minnesota"	No
Goal 3	"Surface waters are swimmable and fishable throughout the state"	Yes
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"	Yes

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

Goal 1, Strategy 4; Goal 3, Strategy 1, Strategy 13, Goal 4, Strategy 4

Describe the likely measureable 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

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

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

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

0.90000000000000002

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

90%

Indicate the number the full-time state employees supported by the CWF in this proposal

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23	FY24-25
0	0.699999 9999999 9996	0.699999 9999999 9996	0.699999 9999999 9996	0	0		

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?** Yes

Program Name **Non-point Source Restoration and Implementation**

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**

Which activities of the Water Management Framework does the proposal address?

Nonpoint Source Implementation

Statutory citation that guides program activities, if applicable:

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 supports local planning and implementation work for clean water. These includes engaging in One Watershed, One Plan projects, conservation planning assistance, technical assistance with implementation projects, and targeted forest stewardship planning for water quality protection.

DNR assigns one staff person in each 1W1P watershed. That person works with staff in multiple DNR disciplines (Ecological and Water Resources, Forestry, Fish and Wildlife, Park and Trails, Lands and Minerals) to ensure that DNR's input in the planning process is coordinated, integrated, relevant, and useful.

DNR experts work with local partners to target, select, and find funding for water quality improvement or protection projects. DNR provides design assistance, and help with installation of projects like stream restorations or stream crossings so that those projects incorporate multiple conservation benefits while addressing the root causes of pollution problems. DNR staff also work with local communities on implementation through their local floodplain and shoreland ordinances. We developed new model floodplain and shoreland ordinances with higher standards for water quality and are conducting reviews of communities' existing ordinances to identify gaps which may result in degraded water resources if they are not addressed or opportunities for protection through changes to zoning.

DNR foresters work with land owners, and SWCDs to write and implement forest stewardship plans in the upper Mississippi River watersheds for lakes that support tullibee, an important cold water fish that serve as food for walleye and other game fish. Landowners with a stewardship plan qualify for cost share dollars and incentive programs that prevent development on the property and therefore protect water quality. Healthy forests in watersheds of tullibee lakes are a key to ensuring water quality or these sensitive species. This program was developed in partnership with the Minnesota Forest Resources Council's Landscape committees.

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATED	TOTAL FY10-23
\$500,000	\$2,400,000	\$2,000,000	\$2,000,000	\$1,900,000	\$2,000,000	2500000	13300000

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to	\$0		How much of this request will protect	\$0
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protect drinking water sources?			drinking water sources INDIRECTLY?	
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?			
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"		Yes
Goal 2	"Groundwater is clean and available to all in Minnesota"		Yes
Goal 3	"Surface waters are swimmable and fishable throughout the state"		Yes
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"		Yes

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

Describe the likely measureable 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.)

DNR staff actively participate in all 1W1P planning projects. DNR staff are providing technical assistance on about 85 implementation projects per year, many projects are multi-year efforts. DNR has enabled completion of more than 259 forest stewardship plans covering 27,687 acres of forest in targeted watersheds.

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.)

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.**

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

0

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

Indicate the number the full-time state employees supported by the CWF in this proposal

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23	FY24-25
1	4	6	6.299999 9999999 998	6.5	6.5		

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that "when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page

the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?**

Program Name **AgBMP Loan Program**Program Contact Name **Richard Grunes** Phone **651-201-6609**Contact E-mail Address: **richard.gruenes@state.mn.us**Person filling out form: **Margaret Wagner** Phone **651-201-6488 (O)**Person filling out form e-mail address **margaret.wagner@state.mn.us**

Which activities of the Water Management Framework does the proposal address?

Nonpoint Source Implementation**Groundwater/Drinking Water Implementation**Statutory citation that guides program activities, if applicable: **MS 17.117**

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 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 additional projects or practices that help reduce, eliminate or prevent water pollution to be funded each year as the local demand for Ag BMP loans greatly exceeds available funding.

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.

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATED	TOTAL FY10-23
\$4,500,000	\$9,000,000	\$400,000	\$150,000	\$150,000	\$150,000	150000	14500000

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?	\$0		How much of this request will protect drinking water sources INDIRECTLY?	\$1
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?			
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"		Yes
Goal 2	"Groundwater is clean and available to all in Minnesota"		Yes
Goal 3	"Surface waters are swimmable and fishable throughout the state"		Yes

Goal 4	"All Minnesotans value water and take actions to sustain and protect it"	No
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Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

Goal 1: Strategies 1, 4 and 5

Goal 2: Strategies 4, 5, and 6

Goal 3: Strategies 1, 3, 4, 8, 9, and 12

Describe the likely measureable 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 2021, the AgBMP Loan Program used Clean Water Fund dollars to support 2,086 loans totaling an amount of \$28,347,625. By practice type, 193 loans were for agricultural waste management projects, 63 for conservation tillage equipment, 980 for structural erosion control, 788 for septic systems upgrades or relocations, and 62 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

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 2021, \$14,350,000 invested has resulted in \$28,347,625 in loans.

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

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

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 2021, \$14,350,000 invested has resulted in \$28,347,625 in loans.

Indicate the number the full-time state employees supported by the CWF in this proposal

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23	FY24-25
0.75	0.5	0.299999 9999999 9999	0.5	0.5	0.5		

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?** [Yes](#)

Program Name **MN Agricultural Water Quality Certification Program**Program Contact Name **Brad Jordahl Redlin**Phone **651-201-6489**Contact E-mail Address: **brad.jordahlredlin@state.mn.us**Person filling out form: **Margaret Wagner**Phone **651-201-6488 (O)**Person filling out form e-mail address **margaret.wagner@state.mn.us**

Which activities of the Water Management Framework does the proposal address?

Nonpoint Source Implementation**Groundwater/Drinking Water Implementation****Comprehensive Local Watershed Management**Statutory citation that guides program activities, if applicable: **MS 17.9891 – 17.993**

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 Agricultural Water Quality Certification Program (MAWQCP) is a first of its kind partnership between federal and state government and private industry. This innovative and nationally recognized voluntary program targets water quality protection on a field by field, whole farm basis. The MAWQCP gives farmers and agricultural landowners the opportunity to take the lead in implementing conservation practices that protect our water. Those who implement and maintain approved farm management practices will be certified and in turn obtain regulatory certainty for a period of ten years.

The MAWQCP comprehensively identifies and mitigates agricultural risks to water quality and protects and restores water resources, improves and expands soil health, and builds and quantifies climate resiliency in Minnesota agriculture. Producers work one-on-one with local agronomic and conservation professionals to identify risks and implement practices that protect water quality across their operation.

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATED	TOTAL FY10-23
\$0	\$0	\$3,000,000	\$5,000,000	\$5,000,000	\$6,000,000	6000000	25000000

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?	\$0		How much of this request will protect drinking water sources INDIRECTLY?	\$1
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?			
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"		Yes
Goal 2	"Groundwater is clean and available to all in Minnesota"		Yes

Goal 3	"Surface waters are swimmable and fishable throughout the state"	Yes
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"	Yes

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

Goal 1: Strategies 1, 3, 4, 5 and 7

Goal 2: Strategies 5 and 6

Goal 3: Strategies 1, 2, 4, 5, 9, 10, and 11

Goal 4: Strategy 2

Describe the likely measureable 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 March 21, 2022, the MAWQCP has 1,188 producers and 834,688 acres with 2,386 new practices implemented, resulting in:

- 40,604 tons of sediment prevented per year
- 120,266 tons of soil saved per year
- 52,142 lbs. of phosphorous loss prevented per year
- 45,355 CO2-equivalent tons of GHG emissions reductions per year
- Up to 49% reduction in nitrogen losses

Since late 2019:

- 64 Soil Health Endorsements
- 54 Integrated Pest Management Endorsements
- 38 Wildlife Endorsements

34 Climate Smart Endorsements

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

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, through 2019 the MAWQCP program has leveraged over \$11 million, including \$9 million in federal funding through Regional Conservation Partnership Program (RCPP). In 2020, the MAWQCP was awarded a renewal for the RCPP for an additional \$9M through 2025. In 2021, MAWQCP was awarded a \$100,000 grant from the McKnight Foundation.

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

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

0.5799999999999996

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

In FY14-FY21, 53% was passed through in grants and contracts. Recipients include SWCDs, project partners, farmers, and landowners.

Indicate the number the full-time state employees supported by the CWF in this proposal

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23	FY24-25
0	0	3.75	5.799999 9999999 998	5.400000 0000000 004	5.700000 0000000 002		

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?** Yes

Program Name **Technical Assistance**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 (O)**Person filling out form e-mail address **margaret.wagner@state.mn.us**

Which activities of the Water Management Framework does the proposal address?

Nonpoint Source Implementation**Research, Evaluation and Tool Development**Statutory citation that guides program activities, if applicable: **MS 18C, 103H.175**

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 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, and support for agricultural retailers/co-ops working with the 4R Nutrient Stewardship Certification program.

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.

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATE	TOTAL FY10-23
\$2,660,000	\$1,550,000	\$3,000,000	\$2,250,000	\$3,000,000	\$3,000,000	3000000	18460000

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?	\$0		How much of this request will protect drinking water sources INDIRECTLY?	\$0
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?	
Goal 1 "Drinking water is safe for everyone, everywhere in Minnesota"	Yes
Goal 2 "Groundwater is clean and available to all in Minnesota"	No
Goal 3 "Surface waters are swimmable and fishable throughout the state"	Yes
Goal 4 "All Minnesotans value water and take actions to sustain and protect it"	Yes

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

Goal 1: Strategy 4

Goal 3: Strategies 1, 2, 4, 9 and 11

Goal 4: Strategy 2

Describe the likely measureable 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 2019, the MDA has directly engaged more than 3,000 ag producers, crop advisors and local partners at more than 150 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 has shared edge-of-field monitoring data more than 30 times to support modeling and research 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

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.

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

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

0.20000000000000001

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

In FY14-FY21, 20% was passed through in grants and contracts. Recipients include local project partners (SWCDs), farmers, and landowners.

Indicate the number the full-time state employees supported by the CWF in this proposal

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23	FY24-25
0	0	0	6.849999 9999999 996	7	7		

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?** [Yes](#)

Program Name **St. Louis River Area of Concern - Remedial Action Plan Implementation**

Program Contact Name **Pam Anderson** Phone **651-757-2190**

Contact E-mail Address: **pam.anderson@state.mn.us**

Person filling out form: **Pam Anderson** Phone **651-757-2190**

Person filling out form e-mail address **pam.anderson@state.mn.us**

Which activities of the Water Management Framework does the proposal address?

Monitoring, Assessment and Characterization

Nonpoint Source Implementation

Research, Evaluation and Tool Development

Statutory citation that guides program activities, if applicable: **U.S.-Canada Great Lakes Water Quality Agreement**

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.

In 1987, the St. Louis River Area of Concern (SLRAOC) was designated as a bi-state (MN & WI) AOC by the U.S. and Canada under the Great Lakes Water Quality Agreement. It is located at the very western end of Lake Superior and extends upstream in the St. Louis River estuary to the Fond du Lac dam. Of the 14 Beneficial Use Impairments (BUIs) that were identified by the International Joint Commission, nine (9) BUIs were identified by local stakeholders as being applicable to the SLRAOC. For each of the 9 BUIs, a removal target was selected along with a suite of management actions to be implemented to achieve the targets. That information is described in the annually-updated Remedial Action Plan (RAP). After completion of all the management actions for a BUI, a recommendation to remove the BUI can be submitted to EPA for approval. Once all the BUIs are removed, the SLRAOC will be eligible to apply for delisting.

The SLRAOC program has identified management actions that, once implemented, are intended to achieve the restoration targets established for each of the nine BUIs: (1) Fish Consumption Advisories, (2) Degraded Fish and Wildlife Populations, (3) Fish Tumors and Other Deformities [removed in 2019], (4) Degradation of Benthos, (5) Restrictions on Dredging, (6) Excessive Loading of Sediment and Nutrients [to be recommended to EPA for removal in April 2020], (7) Beach Closings and Body Contact Restrictions, (8) Degradation of Aesthetics [removed in 2014], and (9) Loss of Fish and Wildlife Habitat. Removal of all the BUIs are predicated on the remediation of contaminated sediment at the selected aquatic locations and the resultant improvement of water quality in the St. Louis River Estuary and Lake Superior (which is a drinking water source for the City of Duluth).

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATE	TOTAL FY10-23
\$0	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	1500000	9000000.25

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?	\$0		How much of this request will protect drinking water sources INDIRECTLY?	\$0
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?		
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"	No
Goal 2	"Groundwater is clean and available to all in Minnesota"	No
Goal 3	"Surface waters are swimmable and fishable throughout the state"	Yes
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"	Yes

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

Goal 3, Strategy 13

Describe the likely measureable 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.)

CWFs applied to the SLRAOC will be used in FY24/25 to support implementation of the SLRAOC Remedial Action Plan (RAP). The CWFs will continue to be a critical source for meeting the non-federal partner share for design and construction of the remaining contaminated sediment remediation projects. This NFS security, along with our ability to flexibly assign CWFs to meet rapidly changing needs in a timely manner, demonstrates to EPA our readiness to receive federal funds. Additionally, CWFs will supplement the USEPA's Management Assistance Award to support AOC staff that deliver program and project coordination to ensure implementation of RAP activities, including the delivery of end-of-AOC program needs.

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

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.

To date, financial contributions to implement the SLRAOC RAP have come from a combination of: private funds, municipal funds, MN Outdoor Heritage Fund, MN General Fund, MN Bond Fund, Natural Resources Damages Assessment Trust, federal Great Lakes Restoration Initiative (distributed through multiple federal agencies) and other sources. The combination of funding sources varies for each management action.

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

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

0.5999999999999998

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

A portion of this funding will be needed to hire contractors to conduct additional sampling and analysis to support implementation of the RAP actions. Similarly, funding will be used to provide the non-federal cost share for USACE design and related tech

Indicate the number the full-time state employees supported by the CWF in this proposal

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23	FY24-25
0	0	0	0.5	1	0.900000 0000000 0002		

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?** [yes](#)

Program Name **Freshwater Mussel Restoration**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**

Which activities of the Water Management Framework does the proposal address?

Nonpoint Source Implementation

Statutory citation that guides program activities, if applicable:

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

Freshwater mussels are nature's water filter, removing bacteria and excess nutrients, they also provide habitat and food resources for other organisms. Mussels are a key component of the ecological system. However, freshwater mussels declined largely because of dams and other fish barriers. Even after removing these barriers, 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.

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATED	TOTAL FY10-23
			\$0	\$0	\$0	0	0

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?	\$0		How much of this request will protect drinking water sources INDIRECTLY?	
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?			
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"		Yes
Goal 2	"Groundwater is clean and available to all in Minnesota"		
Goal 3	"Surface waters are swimmable and fishable throughout the state"		Restored populations of freshwater mussels, improved water quality and delisting of impaired waters.
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"		Stay about the same

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

Federal funds & LCCMR

Describe the likely measureable 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.)

Supplement

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.)

No

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.**

0%

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

Indicate the number the full-time state employees supported by the CWF in this proposal

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

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?**

Program Name **Culvert Replacement Cost Share**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**

Which activities of the Water Management Framework does the proposal address?

Nonpoint Source Implementation

Statutory citation that guides program activities, if applicable:

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 is proposing a cost share program to accelerate the adoption of alternative culvert designs by providing financial and technical support to local governments. The concept is to provide up to 25% cost share on projects that apply channel morphology metrics, which improve biological connectivity, channel stability, reduce flood stage and lower long term maintenance costs.

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

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATE	TOTAL FY10-23
\$0	\$0	\$0	\$0	\$0	\$1,400,000		

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?	\$0		How much of this request will protect drinking water sources INDIRECTLY?	\$0
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?		
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"	
Goal 2	"Groundwater is clean and available to all in Minnesota"	
Goal 3	"Surface waters are swimmable and fishable throughout the state"	
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"	

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

Describe the likely measureable 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.)

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.)

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.**

0%

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

Indicate the number the full-time state employees supported by the CWF in this proposal

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

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?**

Program Name **Conservation Equipment Assistance**

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**

Which activities of the Water Management Framework does the proposal address?

Nonpoint Source Implementation

Groundwater/Drinking Water Implementation

Statutory citation that guides program activities, if applicable:

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 assistance to both 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 compliment cost-share programs by providing the equipment needed to implement practices.

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 promoting, providing clients and giving 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).

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATED	TOTAL FY10-23

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to			How much of this request will protect	\$50
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protect drinking water sources?			drinking water sources INDIRECTLY?	
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?			
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"		Yes
Goal 2	"Groundwater is clean and available to all in Minnesota"		Yes
Goal 3	"Surface waters are swimmable and fishable throughout the state"		Yes
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"		

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

Goal 1: Strategies 1, 4 and 5

Goal 2: Strategy 6

Goal 3: Strategies 4 and 9

Describe the likely measureable 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.)

MDA will track appropriate performance measures such as: number of grants awarded; types of equipment requested and funded; and, number of acres and types of practices implemented, including cover crops and soil health practices, as a result of the new equipment.

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.)

New

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

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

Yes, funding will be passed through in the form of grants to farmers and local partners.

Indicate the number the full-time state employees supported by the CWF in this proposal

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

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?** [Yes](#)

Program Name **Lake Superior Basin SWCD Matching**

Program Contact Name Phone

Contact E-mail Address:

Person filling out form: Phone

Person filling out form e-mail address

Which activities of the Water Management Framework does the proposal address?

Statutory citation that guides program activities, if applicable:

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.

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIA TED	TOTAL FY10-23

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?			How much of this request will protect drinking water sources INDIRECTLY?	
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?		
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"	
Goal 2	"Groundwater is clean and available to all in Minnesota"	
Goal 3	"Surface waters are swimmable and fishable throughout the state"	
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"	

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

Describe the likely measureable 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.)

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.)

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.**

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

Indicate the number the full-time state employees supported by the CWF in this proposal

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

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?**

Program Name **Private Well Initiative**

Program Contact Name **Tannie Eshenaur**

Frieda von Qualen Phone **651-201-4547**

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**

Which activities of the Water Management Framework does the proposal address?

Monitoring, Assessment and Characterization
Groundwater/Drinking Water Implementation

Statutory citation that guides program activities, if applicable: **MS 103I**

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 Private Well Initiative works to ensure all 1.2 million private well users in Minnesota have safe drinking water from nearly half a million private wells. This program supplements the work for the MDH Well Management Section (which ensures all wells are constructed and sealed properly) and local, academic, non-profit, and private-sector partners by:

- 1) Better understanding and explaining the occurrence and distribution of contaminants in private wells in Minnesota (including increasing data available to assess the distribution of human-caused and naturally occurring contaminants in Minnesota private well water, assessing treatment options for frequently detected contaminants, and making it easier for private well users to know what to test for);**
- 2) Expanding education and outreach to private well users about private well testing, treatment, and wellhead protection (including translating educational materials into non-English languages, developing new materials, sharing materials with partners, and conducting a statewide assessment of private well users to identify motivating factors and barriers for testing and mitigation);**
- 3) Build partners' capacity throughout the state to support private well users through: establishing grants for partners to promote well testing and financial assistance for treatment/mitigation, creating partner-specific toolkits for engaging with private well users, hosting a Private Well Forum to bring partners together, supplementing partners' existing work with private well users (through test kits and/or informational materials), and developing a private well stewardship program (a peer-to-peer learning similar to the Master Gardener Program through the University of Minnesota Extension).**

Funding would also be used to enhance the Minnesota Well Index by integrating well sealing records into the platform. This enhancement will enable partners and property owners to more easily find well sealing records and information about their well instead of having to contact the Department of Health when they need a record.

This program helps: identify the geographic distribution and frequency of contaminants in private well water that present a health risk; increase private well users' and partners' understanding of how their well water is affected by human activity or naturally occurring contaminants; provide options that private well owners have to treat or mitigate contamination; protect wells that have good water quality; ensure households are consuming safe drinking water; and strengthen the capacity of partners to support private well users.

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATED	TOTAL FY10-23
\$0	\$0	\$650,000	\$650,000	\$800,000	\$1,500,000	0	3600000

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?	\$1		How much of this request will protect drinking water sources INDIRECTLY?	\$0
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?			
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"		Yes
Goal 2	"Groundwater is clean and available to all in Minnesota"		No
Goal 3	"Surface waters are swimmable and fishable throughout the state"		No
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"		Yes

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

1.2: Support widespread and routine testing of private well water and help private well owners

achieve safe limits at the tap, beginning with a pilot project in FY2020-2021

Describe the likely measureable 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

Percent of private well owners with elevated arsenic who take action to reduce their exposure to arsenic in drinking water

Potential future measurable outcome: Percent of private well owners with elevated nitrate who take action to reduce their exposure to nitrate.

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

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 from CDC to focus outreach and education to real estate professionals to promote well testing and mitigation at property transfer and to rental property owners with private wells to ensure their renters have safe drinking water. We are regularly looking 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

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

0.153788000000000001

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

An estimated 20% will go to non-state entities through testing and mitigation grants. Entities may include (but are not limited to) local public health, Soil and Water Conservation Districts, educational institutions, and non-profits organizations.

Previ

Indicate the number the full-time state employees supported by the CWF in this proposal

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23	FY24-25
0	0	1	2.5	2.5	2.75		

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?** **yes**

Program Name **Targeted Wellhead/Drinking Water Source Protection**

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**

Which activities of the Water Management Framework does the proposal address?

Groundwater/Drinking Water Implementation

Statutory citation that guides program activities, if applicable:

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.

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.

Implements long-term land management protection in wellhead protection areas

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATED	TOTAL FY10-23
\$2,300,000	\$3,600,000	\$2,600,000	\$3,500,000	\$3,500,000	\$4,000,000	5000000	24500000

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?	\$1		How much of this request will protect drinking water sources INDIRECTLY?	\$0
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?		
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"	Yes
Goal 2	"Groundwater is clean and available to all in Minnesota"	Yes
Goal 3	"Surface waters are swimmable and fishable throughout the state"	No
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"	No

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

Goal 2, Strategy 4

Describe the likely measureable 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.)

Additional acres of permanent or long-term protection in highly or very highly vulnerable well head protection areas.

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

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

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

0.90000000000000002

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

90%

Indicate the number the full-time state employees supported by the CWF in this proposal

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23	FY24-25
0.5	0.800000 0000000 0004	0.599999 9999999 9998	2	2.700000 0000000 002	2.700000 0000000 002		

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?** Yes

Program Name **Irrigation Water Quality Protection**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 (O)**Person filling out form e-mail address **margaret.wagner@state.mn.us**

Which activities of the Water Management Framework does the proposal address?

**Groundwater/Drinking Water Implementation
Research, Evaluation and Tool Development**Statutory citation that guides program activities, if applicable: **18B, 103H. MDA is the lead agency for developing and evaluating future BMPs.**

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 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. The irrigation specialist is located in University of Minnesota - Extension.**Funding supports an irrigation water quality specialist who develops guidance and provides education, outreach and promotion of irrigation and nitrogen fertilizer best management practices. Adoption of these practices will help to reduce nitrate-nitrogen leaching in irrigated agricultural fields.**

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATED	TOTAL FY10-23
\$0	\$0	\$220,000	\$220,000	\$220,000	\$300,000	270000	1230000

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?	\$1		How much of this request will protect drinking water sources INDIRECTLY?	\$0
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?			
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"		Yes
Goal 2	"Groundwater is clean and available to all in Minnesota"		Yes
Goal 3	"Surface waters are swimmable and fishable throughout the state"		Yes
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"		Yes

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

Goal 1: Strategies 3 and 4

Goal 2: Strategy 6

Goal 3: Strategy 4

Goal 4: Strategy 2

Describe the likely measureable 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 best management practices, irrigation scheduling, and soil water monitoring. In 2019, she reached 2,000 farmers, crop consultants and co-op dealers at field days and events. Gave 25 presentations, wrote six new blog posts, articles for the Irrigators Association newsletter, and three extension articles which were viewed more than 5,000 times. This position has active research trials which provide information to update best management 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.)

Stay about the same

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.

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

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

1

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

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

Indicate the number the full-time state employees supported by the CWF in this proposal

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

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?** [Yes](#)

Program Name **Nitrate in Groundwater**

Program Contact Name **Dan Stoddard** Phone **651-201-6291**

Contact E-mail Address: **dan.stoddard@state.mn.us**

Person filling out form: **Margaret Wagner** Phone **651-201-6488 (O)**

Person filling out form e-mail address **margaret.wagner@state.mn.us**

Which activities of the Water Management Framework does the proposal address?

**Groundwater/Drinking Water Implementation
Monitoring, Assessment and Characterization**

Statutory citation that guides program activities, if applicable: **103H and 18C. MDA is the lead agency for addressing nitrate in groundwater and developing and evaluating best management practices (BMPs) and other agricultural practices to protect water 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.

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 Minnesota Extension to educate on and promote fertilizer BMPs; support for conducting local advisory teams to work with farmers and crop advisors to reduce nitrate 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 Drinking Water Supply Management Areas (DWSMAs) with elevated levels of nitrate in groundwater.

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 voluntarily with local farmers and crop advisors to adopt practices that can reduce nitrate in Drinking Water Supply Management Areas (DWSMAs) for public wells that have elevated levels of nitrate. This could progress to a regulatory approach if a voluntary approach is not successful.

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.

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATED	TOTAL FY10-23
\$1,125,000	\$1,700,000	\$5,000,000	\$5,171,000	\$4,171,000	\$5,170,000	5170000	27507000

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?	\$1		How much of this request will protect drinking water sources INDIRECTLY?	\$0
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?		
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"	Yes
Goal 2	"Groundwater is clean and available to all in Minnesota"	Yes
Goal 3	"Surface waters are swimmable and fishable throughout the state"	No
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"	Yes

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

Goal 1: Strategies 1, 2, 3, 4, and 5

Goal 2: Strategies 1, 3, and 6

Goal 4: Strategy 2

Describe the likely measureable 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 seven (7) regional on-farm nitrogen fertilizer BMP evaluation sites.

Two UM Extension Educator positions are supported to work directly with farmers and dealers on nutrient issues where groundwater is impacted (located in the southeast and Central Sands regions).

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.**

The Groundwater Protection Rule is being implemented. Twelve (12) 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 the area.

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

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 program receives support from the General Fund and dedicated funds from the Fertilizer Account generated from fertilizer sales.

The MDA leverages CWF dollars with other state and federal grant applications. In 2021, the MDA along with 20 local and tribal partners secured a \$3.5M Regional Conservation Partnership Program (RCPP) grant to implement conservation measures on irrigated lands over the next five years.

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

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

0.27000000000000002

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

In FY14-FY21, 42% of funding was passed through in contracts to local partners (SWCDs, counties, etc.), University of Minnesota researchers, University of Minnesota-Extension, and analytical laboratories.

Indicate the number the full-time state employees supported by the CWF in this proposal

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23	FY24-25
0	4	8.199999 9999999 993	0	10.4	11		

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?** **Yes**

Program Name **Future of Drinking Water (formerly Drinking Water Protection)**Program Contact Name **Tom Hogan and Tannie Eshenaur**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**

Which activities of the Water Management Framework does the proposal address?

**Groundwater/Drinking Water
Monitoring, Assessment and Characterization
Nonpoint Source Implementation
Research, Evaluation and Tool Development
Research, Evaluation and Tool Development**

Statutory citation that guides program activities, if applicable:

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 Clean Water Council Initiative. While the federal Safe Drinking Water Act provides a basic level of protection for drinking water, 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 drinking water in Minnesota.

The next phase of this initiative will focus on developing a state drinking water plan that includes both public and private drinking water systems and implementation of a number of the recommendations from the University of Minnesota's Future of Drinking Water report.

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. Use the recommendations of the expert and stakeholder panels to create a statewide drinking water protection strategic plan that includes both public and private drinking water and fully integrates drinking water protection into the watershed management framework used by the Executive Branch water agencies. More specifically, develop a framework to manage risks from unregulated contaminants, consider establishment of an outside advisory group, and increase public engagement in and understanding of drinking water challenges. For private wells users, lay out a strategic plan for voluntary actions across multiple stakeholder groups, industry, and local governments that increase public health protection.

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATED	TOTAL FY10-23
\$0	\$0	\$0	\$0	\$300,000	\$500,000	500000	1300000

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to	\$1		How much of this request will protect	\$0
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protect drinking water sources?			drinking water sources INDIRECTLY?	
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?			
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"		
Goal 2	"Groundwater is clean and available to all in Minnesota"		Yes
Goal 3	"Surface waters are swimmable and fishable throughout the state"		
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"		Yes

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

Goal #1; strategies 2,3,4,5,6,7,8

Describe the likely measureable 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.

A University of Minnesota report on the Future of Drinking Water report that includes recommendations from a stakeholder group and expert panel on actions needed to protect Minnesota's drinking water.

Future: State Drinking Water Plan

A risk management framework for unregulated contaminants

A public engagement strategy

An external advisory group

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

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

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

0.3125

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

possible contracts to the UM or external experts

Indicate the number the full-time state employees supported by the CWF in this proposal

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23	FY24-25
0	0	0	0	0	0.25		

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?** [yes](#)

Program Name **Metropolitan Area Water Supply Sustainability Support Program**

Program Contact Name **ALI M ELHASSAN**

Phone **651-602-1066 (office)**

916-990-8941 (cell)

Contact E-mail Address: **ali.elhassan@metc.state.mn.us**

Person filling out form: **ALI M ELHASSAN**

Phone **651-602-1066 (office)**

916-990-8941 (cell)

Person filling out form e-mail address **ali.elhassan@metc.state.mn.us**

Which activities of the Water Management Framework does the proposal address?

Groundwater/Drinking Water Implementation

Statutory citation that guides program activities, if applicable: **Minnesota Statutes, Section 473.1566**

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 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.

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 demand. This program supports efforts to ensure supplies of potable water are adequate for the region's current and projected population; to ensure uninterrupted economic growth and prosperity; to avoid competition and conflict over water supply; and to foster regional collaboration to address water supply challenges and limitations in a manner that takes advantages of regional and sub-regional resources.

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATED	TOTAL FY10-23
\$800,000	\$1,000,000	\$2,000,000	\$1,950,000	\$1,900,000	\$2,000,000	1838000	11488000

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?	\$1		How much of this request will protect drinking water sources INDIRECTLY?	\$0
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?	
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"
Goal 2	"Groundwater is clean and available to all in Minnesota"
Goal 3	"Surface waters are swimmable and fishable throughout the state"
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"

Yes

Yes

No

Yes

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

1. Spend a minimum of five percent of the Clean Water Fund exclusively on drinking water as required in the State Constitution.
2. Increase public water supply efficiency in the Twin Cities Metropolitan Area by reducing groundwater use by 150 million gallons per day to accommodate future population growth. Sustain the quantity and quality of the resources through water reuse, alternative supplies, efficiency, technology, intergovernmental collaboration, and technical assistance.
3. Identify significantly contributing groundwater recharge areas to the aquifers in the Twin Cities Metropolitan Area by 2025, and develop protection and management strategies for these aquifers by 2034 to ensure continuous orderly and economic development.

Describe the likely measureable 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.)

recommend measures to improve use of groundwater, enhance groundwater quality and surface water features, highlight groundwater-surface water interaction risk factors for communities and provide recommendations to prevent and address these risks and achieve water security through integrated water management, conservation, and reuse. The success Indicators are increased number of communities received technical support from the council through facilitated sub-regional workgroups and projects implemented, and achieve intended long-term outcome that is to sustainably use groundwater in a reliable approach with other available resources. From 2005 to 2018, number of communities received technical support from the council through facilitated sub-regional workgroups increased 65%. reduced groundwater use in the region is another measure of success for this program.

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

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

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

0.5999999999999998

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

%60 - %65 of fund will be used to fund projects scoped by LGUs- Municipal Water suppliers- through competitive contracts

Indicate the number the full-time state employees supported by the CWF in this proposal

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23	FY24-25
1.5	2	3	3	3	3		

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?** [Yes](#)

Program Name **Water Demand Reduction- Efficiency - Grant Program**Program Contact Name **ALI M ELHASSAN**Phone **651-602-1066 (office)****916-990-8941 (cell)**Contact E-mail Address: **ali.elhassan@metc.state.mn.us**Person filling out form: **ALI M ELHASSAN**Phone **651-602-1066 (office)****916-990-8941 (cell)**Person filling out form e-mail address **ali.elhassan@metc.state.mn.us**

Which activities of the Water Management Framework does the proposal address?

Groundwater/Drinking Water ImplementationStatutory citation that guides program activities, if applicable: **Minnesota Statutes, Section 473.1565**

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 provides grants to assist municipalities in metro area implementing water demand reduction and water efficiency measures to ensure the reliability and protection of drinking water supplies and support resiliency of water suppliers.

State regulators require water suppliers to reduce water use and increase water conservation and efficiency. 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 preventing groundwater degradation in locations around the region and will ensure the reliability and protection of drinking water supplies and will support resiliency of water suppliers.

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATED	TOTAL FY10-23
\$0	\$0	\$0	\$500,000	\$0	\$750,000	1250000	2500000

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?	\$0		How much of this request will protect drinking water sources INDIRECTLY?	\$0
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?		
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"	Yes
Goal 2	"Groundwater is clean and available to all in Minnesota"	Yes
Goal 3	"Surface waters are swimmable and fishable throughout the state"	No
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"	Yes

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

1. Adopt BMPs for water efficiency, water use reduction, and irrigation water management, , and prioritize them 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). 2. Increase public water supply efficiency in the Twin Cities Metropolitan Area by reducing groundwater use by 150 million gallons per year to accommodate future population growth. Sustain the quantity and quality of the resources through water reuse, alternative supplies, efficiency, technology, intergovernmental collaboration, and technical assistance.

Describe the likely measureable 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. Water savings from the program is 55 Million gallons annually, water enough to supply 1,700 persons for a year. In FY20-21, the number of communities participated in grant program has doubled requesting more than the available fund. The expected water saving will be more then 55 Million gallons annually. 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.)

Increase

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

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

1

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

All fund will be distributed to LGUs- Municipal Water suppliers- through competitive grants

Indicate the number the full-time state employees supported by the CWF in this proposal

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

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?** [Yes](#)

Program Name **National Park Water Quality Protection Program**

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**

Which activities of the Water Management Framework does the proposal address?

Point Source Implementation

Statutory citation that guides program activities, if applicable: **Minnesota Rules Chapter 7080, 7081, 7082, 7083**

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.

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

Development of sanitary sewer infrastructure the eliminates failed septic systems

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATED	TOTAL FY10-23
\$0	\$0	\$3,500,000	\$0	\$2,000,000	\$1,550,000	1400000	8450000

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?	\$0		How much of this request will protect drinking water sources INDIRECTLY?	\$1
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?		
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"	Yes
Goal 2	"Groundwater is clean and available to all in Minnesota"	Yes
Goal 3	"Surface waters are swimmable and fishable throughout the state"	Yes
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"	Yes

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

Goal 2, Strategy 5

Describe the likely measureable 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, Kabetogma, 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

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, list other soruces

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

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

1

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

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

Indicate the number the full-time state employees supported by the CWF in this proposal

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

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?** [Yes](#)

Program Name **Accelerated Implementation of MS4 Permit Requirements**Program Contact Name **See program #39**Phone **See program #39**Contact E-mail Address: **See program #39**Person filling out form: **See program #39**Phone **See program #39**Person filling out form e-mail address **See program #39**

Which activities of the Water Management Framework does the proposal address?

See program #39**See program #39****See program #39****See program #39****See program #39**Statutory citation that guides program activities, if applicable: **See program #39**

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.

See program #39**See program #39**

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIA TED	TOTAL FY10-23
\$0	\$0	\$0	\$0	\$450,000	\$400,000	400000	1250000

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?	\$0		How much of this request will protect drinking water sources INDIRECTLY?	\$0
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?			
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"		No
Goal 2	"Groundwater is clean and available to all in Minnesota"		No
Goal 3	"Surface waters are swimmable and fishable throughout the state"		Yes
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"		Yes

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

See program #39

Describe the likely measureable 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.)

[See program #39](#)

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.)

[See program #39](#)

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.

[See program #39](#)

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.**

[See program #39](#)

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

0

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

[See program #39](#)

Indicate the number the full-time state employees supported by the CWF in this proposal

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

Legacy Amendment Attribution: Minnesota Statutes 114D.50 Subd. 4(f) requires that “when practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's website home page the legacy logo...accompanied by the phrase "Click here for more information." In addition, the Clean Water Council has issued guidance on the use of the logo and attribution for any appropriation to the legacy amendment and the Legislature. **Will you ensure that the legacy logo is displayed and attribution given to the legacy amendment in publicly available materials, when practicable?** [See program #39](#)

Program Name **NPDES wastewater/stormwater point-source implementation**

Program Contact Name **Dana Vanderbosch**

Phone **651-485-1290**

Contact E-mail Address: **dana.vanderbosch@state.mn.us**

Person filling out form: **Dana Vanderbosch**

Phone **651-485-1290**

Person filling out form e-mail address **dana.vanderbosch@state.mn.us**

Which activities of the Water Management Framework does the proposal address?

Point Source Implementation

Comprehensive Local Watershed Management

Statutory citation that guides program activities, if applicable: **Stormwater:**

Clean Water Act, Section 402

MN Stat 115.01 – 115.09, specifically

115.03 Subd. 1. a-n. (issue permits, program authority)

115.03 Subd. 2 (Hearings and investigations)

115.03 Subd 5 (NPDES authority)

115.03 Subd 5. C, a-c (stormwater and design standards)

115.04 Disposal systems and point sources

115.061 Duty to notify: Avoiding water pollution

115.41-115.542 Municipal Water Pollution Control

MN R. 7000 Procedural rules

MN R. 7001 Permits and citations

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 request for FY24/25 combines two historic appropriations - NPDES Waste/ Stormwater TMDL and Accelerated Implementation of MS4 Permit Requirements. There is some overlap between the work in these two categories, so combining them streamlines both the request and the description of outcomes. 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 to TMDLs where applicable, and stormwater and wastewater considerations into WRAPS. Funding also supports technical assistance for permittees in both wastewater and stormwater permitting programs, particularly municipalities experiencing difficulties understanding and implementing the basic requirements of the municipal stormwater and wastewater programs.

This funding provides support for implementing the wastewater and stormwater NPDES programs, particularly incorporating materials from the watershed approach. Over the past decade, thousands of impaired lakes and streams have been identified, so the workload has increased tremendously for the NPDES stormwater and wastewater programs. As stormwater and wastewater can be significant contributors of pollutants to impaired waters, proper management of these wastestreams by both stormwater and wastewater permittees is crucial to achieving the goals

of TMDL. TMDLs must incorporate the stormwater and wastewater contributions to the impaired resources. Similarly, NPDES permits must express the TMDL wasteload allocations as permit conditions. This work includes: permitting, engineer review, compliance and enforcement, training and certification, assistance with the funding programs, effluent limit determination, EAW review, and data review. This funding also provides needed to support stormwater permittees who have requested templates, model ordinances, technical assistance, and guidance documents to facilitate complying with permits. This funding is particularly critical as MPCA and permittees will be working to comply with new permit requirements in the 2020 stormwater MS4 permit.

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23 APPROPRIATED	TOTAL FY10-23
\$0	\$0	\$1,800,000	\$1,800,000	\$1,800,000	\$1,800,000	1800000	9000000

FY24 Request	FY25 Request	FY24-25 TOTAL REQUEST

How much of this request will be spent EXCLUSIVELY to protect drinking water sources?	\$0		How much of this request will protect drinking water sources INDIRECTLY?	\$0
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Does this request address any of the following goals in the Clean Water Council's Strategic Plan?		
Goal 1	"Drinking water is safe for everyone, everywhere in Minnesota"	No
Goal 2	"Groundwater is clean and available to all in Minnesota"	No
Goal 3	"Surface waters are swimmable and fishable throughout the state"	Yes
Goal 4	"All Minnesotans value water and take actions to sustain and protect it"	Yes

Please indicate which strategy in the Clean Water Council's Strategic Plan applies to this proposal. (Please request a copy of the Plan from the Clean Water Council if necessary.)

Goal 3, Strategies 7, 8, 1

Describe the likely measureable 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 Watershed Restoration and Protection Strategy documents and TMDLs, ensuring point source contributions are accounted for. They also ensure that TMDL wasteload allocations (i.e., pollutant reductions) are appropriately brought into wastewater and stormwater permits. Staff also facilitate water pollutant trades in permits (point to point source and point to nonpoint source trades), and the development of tools to better analyze the relationship between point sources and surface waters. For example, wastewater monitoring data are available in a Tableau data browser with over 35,000 views since March 2016. Private sector watershed professionals make extensive use of these data 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 FY24/25 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. 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

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 and federal 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

Pass-Through: Will part or all of this funding from the CWF be passed through to non-state entities such as SWCDs, universities or other local units of government? If yes, please be specific about how much will go to non-state entities and what type.

0

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. Feel free to e-mail separate documents to the Clean Water Council at paul.gardner@state.mn.us

Indicate the number the full-time state employees supported by the CWF in this proposal

FY10-11	FY12-13	FY14-15	FY16-17	FY18-19	FY20-21	FY22-23	FY24-25
	5.200000 0000000 002	6.5	8	6	5.950000 0000000 002		

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