



FY 20 - 21 Biennial Budget Request Mille Lacs SWCD

Total Requested Biennial State Contribution:	\$885,846.00	BBR ID	BBR18-0833
Total Leveraged Funds	\$178,488.00	Submitted Date	
Total Resource Project and Activities Budget	\$1,064,334.00	Staff Contact	Susan Shaw
Total BMPs	22	Board Conservationist	Jason Weinerman
Total FTEs	5.91		

SWCD Program Grant Summary

Grant Source	Estimated Amount Available	Estimated Amount Budgeted
SWCD State Cost-Share	\$13,888.00	\$13,888.00
SWCD Conservation Delivery	\$37,736.00	\$37,736.00
RIM Easement Delivery	\$1,102.00	\$1,102.00

Water Resources of Concern

Primary Water Resource of Concern	Water Resource Category	Watershed	Impairments	Trend
Organization Wide - Ground Water	Ground Water		Unknown	Not Enough Data
Rum River Watershed (HUC 8)	Surface & Ground Water	Rum River	Yes	Down
Snake River Watershed (HUC 8)	Surface & Ground Water	Snake River	Yes	Down
Organization Wide - Surface & Ground Water	Surface & Ground Water		Yes	Down
Mille Lacs subwatershed (HUC 10)	Surface & Ground Water	Rum River	No	Up

Activity Summary

Water Resource Name	Organization Wide - Ground Water		
Activity Description	Groundwater quantity and quality outreach		
Activity Category	Project Development	Capital Improvement Project?	No
Source of State Contribution	MN Dept. of Health	Estimated # of FTEs	0.25
Total Requested Biennial State Contribution	\$30,000.00	Estimated Number of Practices	

Estimated Leveraged Funds	\$7,500.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$37,500.00	Action or Objective (from plan)	Priority 1, ObjC: maintain or improve groundwater quality throughout the county
Describe how this activity could be accomplished in the biennium	Outreach to provide citizens with information on current ground water quality, potential risks to groundwater, and steps individuals can take to check and protect groundwater. 90% of the county has a seasonal water table with in 30 cm of the surface.		

Water Resource Name	Rum River Watershed (HUC 8)		
Activity Description	RIM Easement Delivery		
Activity Category	Easements	Capital Improvement Project?	No
Source of State Contribution	RIM Easement Delivery	Estimated # of FTEs	0.02
Total Requested Biennial State Contribution	\$1,102.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$1,102.00	Action or Objective (from plan)	Priority 2B: Work with land managers, land owners and operators in ML County regardless of land use to encourage best management practices.
Describe how this activity could be accomplished in the biennium	Approximately 3-6 easements monitored annually. Ownership, tax payment status, site visit reviews are provided with outreach to landowners re: operation and maintenance and any resource concerns they may have. Established easements will need to have signs installed to indicate boundaries.		

Water Resource Name	Rum River Watershed (HUC 8)		
Activity Description	Ag Technician position (.25 FTE) & project funds - Nutrient Mgmt & prescribed grazing		
Activity Category	Project Development	Capital Improvement Project?	No
Source of State Contribution	BWSR Clean Water Fund - Projects and Practices	Estimated # of FTEs	0.25
Total Requested Biennial State Contribution	\$140,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$35,000.00	Plan Type	County Comprehensive Local Water Management Plan (non-

Projects & Activities Budget	\$175,000.00	Action or Objective (from plan)	metro counties only) Priority 2. Obj. B: action steps 1,4&5: Continue farm planning by implementation of BMPs
Describe how this activity could be accomplished in the biennium	Maintain momentum started 2015 by sustaining the dedicated Ag outreach technician position to address ecoli & habitat impairment, as well as the downward nutrient trend in the West Branch and Upper Rum River sub-watersheds. Relationships and trust being established allow for understanding in the ag community regarding H2O needs they can address with targeted assistance by the SWCD. Work directly with the ag community to identify landowner readiness to implement BMPs such as Nutrient Mgmt & prescribed grazing.		

Water Resource Name	Rum River Watershed (HUC 8)		
Activity Description	Ag Technician position (.5 FTE) - MN Ag Water Quality Certification Program.		
Activity Category	Planning and Assessment	Capital Improvement Project?	No
Source of State Contribution	MDA Ag Water Quality Certification Funds	Estimated # of FTEs	0.5
Total Requested Biennial State Contribution	\$60,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$50,000.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$110,000.00	Action or Objective (from plan)	Priority 2. Obj. B: action steps 1,4&5: Continue farm planning by implementation of BMPs
Describe how this activity could be accomplished in the biennium	Maintain momentum started 2015 by sustaining the dedicated Ag outreach technician position to address ecoli & habitat impairment, as well as the downward nutrient trend in the West Branch and Upper Rum River sub-watersheds. Relationships and trust being established allow for understanding in the ag community regarding H2O needs they can address with targeted assistance by the SWCD. Work directly with the ag community to identify landowner readiness to implement BMPs and become eligible to be certified in the MN Ag Water Quality Certification Program.		

Water Resource Name	Rum River Watershed (HUC 8)		
Activity Description	Shoreland Technician position - shoreland protection practices		
Activity Category	Project Development	Capital Improvement Project?	No
Source of State Contribution	SWCD Local Capacity Funds	Estimated # of FTEs	1
Total Requested Biennial State Contribution	\$111,120.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$27,780.00	Plan Type	County Comprehensive Local Water Management Plan (non-

Projects & Activities Budget	\$138,900.00	Action or Objective (from plan)	metro counties only) Priority 1. Obj. A: action steps 2&3: Assist landowners with shoreland and riparian BMPs and provide cost-share assistance.
Describe how this activity could be accomplished in the biennium	Work directly with landowners to implement shoreland protection practices to protect the current water quality and offset future development pressure. Respond to ongoing landowner interest in installing shoreland protection BMPs. Using vegetation or structures to stabilize and protect banks and beds of streams, lakes, estuaries, or excavated channels against scour or erosion. Phosphorus is a concern both in the ML Lake subwatershed and in the Rum River watershed as a whole. Stream and shoreland vegetative practices are efficient and effective solutions to mitigate phosphorus pollution. SWCD staff act as the general contractor on most BMPs as landowners are interested in doing water quality projects but want the SWCD to act as general contractor to provide design options, cost estimates and coordinate construction installation. Three to five BMPs can be installed per construction season.		

Water Resource Name	Rum River Watershed (HUC 8)		
Activity Description	Shared GIS natural resources analyst - position		
Activity Category	Planning and Assessment	Capital Improvement Project?	No
Source of State Contribution	Watershed Based Funding	Estimated # of FTEs	0.25
Total Requested Biennial State Contribution	\$30,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$7,500.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$37,500.00	Action or Objective (from plan)	Priority 1, Obj A: action step 1: Develop a coordinated approach to resource mgmt...
Describe how this activity could be accomplished in the biennium	Shared GIS specialist to assist with LIDAR and PTM analysis.		

Water Resource Name	Rum River Watershed (HUC 8)		
Activity Description	Shared Private Forest Management - position		
Activity Category	Project Development	Capital Improvement Project?	No
Source of State Contribution	RIM - (All Sources)	Estimated # of FTEs	0.5
Total Requested Biennial State Contribution	\$60,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local

			Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$60,000.00	Action or Objective (from plan)	Priority 2, Obj B: action steps 6&7: Educate forest owners and loggers about the impacts of forest harvest damage and provide info on BMPs
Describe how this activity could be accomplished in the biennium	Education and outreach to forest landowners in the northern part of the county. Partner with foresters, loggers and other resource professionals to identify targeted BMPs needed or support enrollment in easement programs. Educate and promote private land management for wildlife habitat and water quality.		

Water Resource Name	Rum River Watershed (HUC 8)		
Activity Description	Ag Technician position (.25) - Buffer Law compliance assessment		
Activity Category	Planning and Assessment	Capital Improvement Project?	No
Source of State Contribution	Buffer Implementation Funds	Estimated # of FTEs	0.25
Total Requested Biennial State Contribution	\$20,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$20,000.00	Action or Objective (from plan)	Priority 1, Obj A: action step 3: Assist landowners with shoreland and riparian BMPs and provide cost-share assistance.
Describe how this activity could be accomplished in the biennium	Starting November 2, 2018, ongoing local compliance tracking of all parcels subject to the Buffer Law, at least once every 3 years, via a local monitoring plan adopted by the SWCD and resulting from requests for validations of compliance, spot checks, and complaints to ensure riparian protections continue to be in place.		

Water Resource Name	Rum River Watershed (HUC 8)		
Activity Description	Project funding - Shoreland Protection implementation		
Activity Category	Streambank or Shoreline Protection	Capital Improvement Project?	No
Source of State Contribution	BWSR Clean Water Fund - Projects and Practices	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$40,000.00	Estimated Number of Practices	10
Estimated Leveraged Funds	\$10,000.00	Plan Type	County Comprehensive Local

			Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$50,000.00	Action or Objective (from plan)	Priority 1. Obj. A: action steps 2&3: Assist landowners with shoreland and riparian BMPs and provide cost-share assistance.
Describe how this activity could be accomplished in the biennium	Respond to ongoing landowner interest in installing shoreland protection BMPs. SWCD staff act as the general contractor on most BMPs as landowners are interested in doing water quality projects but want the SWCD to act as general contractor to provide design options, cost estimates and coordinate construction installation. Three to five BMPs can be installed per construction season.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	SCS Project funding - Well sealing		
Activity Category	Groundwater	Capital Improvement Project?	No
Source of State Contribution	SWCD State Cost-Share	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$6,944.00	Estimated Number of Practices	10
Estimated Leveraged Funds	\$3,472.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$10,416.00	Action or Objective (from plan)	Priority 1, Obj C: 6 Assist with sealing abandoned wells
Describe how this activity could be accomplished in the biennium	Groundwater BMP implementation - primarily well sealing		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Administration and delivery of local conservation activities		
Activity Category	Administration/Coordination	Capital Improvement Project?	No
Source of State Contribution	SWCD Local Capacity Funds	Estimated # of FTEs	0.55
Total Requested Biennial State Contribution	\$100,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$100,000.00	Action or Objective (from plan)	Priority 2B: Work with land managers, land owners and operators in ML County

			regardless of land use to encourage best management practices.
Describe how this activity could be accomplished in the biennium	Coordination of local water management resource information (WRAPS, CLWMP, etc) to implement prioritized and targeted outreach and implementation with cost effective and measurable strategies.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Coordinated Weed Management		
Activity Category	Project Development	Capital Improvement Project?	No
Source of State Contribution	SWCD Cooperative Weed Management Funds	Estimated # of FTEs	0.25
Total Requested Biennial State Contribution	\$30,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$7,500.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$37,500.00	Action or Objective (from plan)	Priority 2B: Work with land managers, land owners and operators in ML County regardless of land use to encourage best management practices.
Describe how this activity could be accomplished in the biennium	Coordination of local weed managers to implement integrated vegetation management encouraging non-chemical methods to protect groundwater and prevent the spread of noxious weeds.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	General Conservation Delivery		
Activity Category	Administration/Coordination	Capital Improvement Project?	No
Source of State Contribution	SWCD Conservation Delivery	Estimated # of FTEs	0.21
Total Requested Biennial State Contribution	\$37,736.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$37,736.00	Action or Objective (from plan)	Priority 2B: Work with land managers, land owners and operators in ML County regardless of land use to

			encourage best management practices.
Describe how this activity could be accomplished in the biennium	Administration and delivery of local conservation activities. Following civic standards to accomplish effective civic engagement. Using prioritized, targeted and measured decision making strategies.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	SCS Project funding - Shoreland protection		
Activity Category	Streambank or Shoreline Protection	Capital Improvement Project?	No
Source of State Contribution	SWCD State Cost-Share	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$6,944.00	Estimated Number of Practices	2
Estimated Leveraged Funds	\$1,736.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$8,680.00	Action or Objective (from plan)	Priority 1. Obj. A: action steps 2 & 3: Assist landowners with shoreland and riparian BMPs and provide cost-share assistance.
Describe how this activity could be accomplished in the biennium	Implementation of shoreline protection BMPs and buffers.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Administration and Delivery of local conservation activities		
Activity Category	Administration/Coordination	Capital Improvement Project?	No
Source of State Contribution	SWCD Local Capacity Funds	Estimated # of FTEs	0.88
Total Requested Biennial State Contribution	\$100,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$100,000.00	Action or Objective (from plan)	Priority 2B: Work with land managers, land owners and operators in ML County regardless of land use to encourage best management practices.

Describe how this activity could be accomplished in the biennium	AgBMP loan program, providing info to the public via website, Facebook, newsletter, coordinating rainfall monitoring, DNR groundwater observation well monitoring, etc.
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Water Resource Name	Mille Lacs subwatershed (HUC 10)		
Activity Description	Watershed Coordinator position - Mille Lacs Lake outreach (COMPASS)		
Activity Category	Project Development	Capital Improvement Project?	No
Source of State Contribution	BWSR Clean Water Fund - Accelerated Implementation	Estimated # of FTEs	1
Total Requested Biennial State Contribution	\$112,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$28,000.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$140,000.00	Action or Objective (from plan)	Priority 1. Obj. A: action steps 2 & 3: Assist landowners with shoreland and riparian BMPs and provide cost-share assistance.

Describe how this activity could be accomplished in the biennium	<p>Implement COMPASS - an active community of people dedicated to protecting the overall health of Mille Lacs Lake. Compass was launched late 2017 with staff support from a CWF FY17 grant. Continued momentum with community organizing (citizen engagement) will be sustained in 2020-21. Compass membership is voluntary and participants get recognized for their conservation role and best management practices. These are landscaping techniques that promote lake health, manage runoff and stabilize erosion.</p> <p>A Compass Specialist will work together with you to understand your concerns and goals of your property. Aligning your property goals with water quality goals will help to protect Mille Lacs Lake Watershed. As a community, we can achieve our water quality goals!</p> <p>Become a Compass Member! It is EASY! Compass membership starts with an interest in the ways that you can improve your shoreland property and make it lake friendly. A Compass Specialist will come and walk your property with you. They will have a conversation about the good things you are already doing and they will help identify additional ways you can help protect the lake in a Shoreland Stewardship Plan.</p> <p>Projects May Include:</p> <ul style="list-style-type: none"> •Installing a rain barrel to CAPTURE rain water runoff. •Designing a rain garden to ABSORB runoff. •Planting a shoreline buffer that contains native plants to FILTER runoff and stabilize the shoreline. <p>Lake friendly landscape is low maintenance! It helps keep the water clean and can provide habitat for bees,</p>
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butterflies and other wildlife.

You will receive a FREE Shoreland Stewardship Plan! Become a Bronze, Silver or Gold member of COMPASS by achieving the goals listed on your stewardship plan. Compass offers resources, information and assistance each step of the way. Compass can help you achieve your goals!