



FY 20 - 21 Biennial Budget Request Koochiching SWCD

Total Requested Biennial State Contribution:	\$1,004,728.00	BBR ID	BBR18-1598
Total Leveraged Funds	\$94,500.00	Submitted Date	4/17/2018
Total Resource Project and Activities Budget	\$1,099,228.00	Staff Contact	Jolen Simon
Total BMPs	31	Board Conservationist	Chad Severts
Total FTEs	5.18		

SWCD Program Grant Summary

Grant Source	Estimated Amount Available	Estimated Amount Budgeted
SWCD Conservation Delivery	\$36,944.00	\$91,944.00
SWCD State Cost-Share	\$20,284.00	\$25,284.00

Water Resources of Concern

Primary Water Resource of Concern	Water Resource Category	Watershed	Impairments	Trend
Upper/Lower Red Lake	Surface Water	Red Lake River	Yes	Stable
Vermilion River	Surface Water	Vermilion River	Unknown	Not Enough Data
Rainy River-Rainy Lake	Surface Water	Rainy River - Rainy Lake	Unknown	Not Enough Data
Rainy River-Black River	Surface Water	Rainy River - Black River	Unknown	Not Enough Data
Little Fork River	Surface Water	Little Fork River	Yes	Stable
Big Fork River	Surface Water	Big Fork River	Yes	Stable
Rapid River	Surface Water	Rapid River	Unknown	Not Enough Data
Organization Wide - Surface & Ground Water	Surface & Ground Water		N/A	N/A
Organization Wide - Surface Water	Surface Water		N/A	N/A

Activity Summary

Water Resource Name	Little Fork River		
Activity Description	Little Fork Shoreline Projects: The Little Fork River watershed has been listed on MPCA's 303D list as impaired for turbidity. Streambank stabilization and critical area plantings in high priority areas will help decrease sedimentation from active erosion.		
Activity Category	Streambank or Shoreline Protection	Capital Improvement Project?	Yes
Source of State Contribution	BWSR Clean Water Fund - Projects and Practices	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$200,000.00	Estimated Number of Practices	6
Estimated Leveraged Funds	\$20,000.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$220,000.00	Action or Objective (from plan)	Priority Concern 1: Surface Water Quality SWQ4.3 SWQ4.4
Describe how this activity could be accomplished in the biennium	A 2018-2019 feasibility study will identify the top 6 high priority areas for potential sediment and erosion control practice implementation, contingent on future funding. With future funding, installation of erosion control measures will decrease sediment loading in the Little Fork River watershed.		

Water Resource Name	Rainy River-Rainy Lake		
Activity Description	Storm water Retrofit Analysis: A consultant will be hired to analyze the effectiveness of storm water management and structures in International Falls. The drainage of International Falls flows into Rainy River and downstream to Lake of the Woods.		
Activity Category	Planning and Assessment	Capital Improvement Project?	No
Source of State Contribution	BWSR Clean Water Fund - Accelerated Implementation	Estimated # of FTEs	0.25
Total Requested Biennial State Contribution	\$10,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$2,500.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$12,500.00	Action or Objective (from plan)	Priority Concern 1: Surface Water Quality SWQ6.1
Describe how this activity could be	A consultant will perform a storm water retrofit analysis in the City of International Falls. Potential best		

accomplished in the biennium	management projects will be explored for future installation. A full report will be produced in order to apply for funding in the future for best management practices to be implemented.
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Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Forest management plays an important role in the protection of surface/groundwater and soil health. We will implement BMPs with private landowners to protect, restore, and properly manage forest lands.		
Activity Category	Technical/Engineering Assistance	Capital Improvement Project?	No
Source of State Contribution	SWCD Conservation Delivery	Estimated # of FTEs	0.5
Total Requested Biennial State Contribution	\$40,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$40,000.00	Action or Objective (from plan)	Priority Concern 7: Forest Management All
Describe how this activity could be accomplished in the biennium	Education and outreach to forestry landowners through partnering with foresters, loggers, and other conservation agencies. Write forest stewardship plans for landowners and explain their tax credit options. Educate and promote the management of lands for wildlife habitat, forestry BMP's, forest health, forest program promotion, and identification of terrestrial invasive species threats.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Provide professional technical services necessary to implement water plan activities related to surface and groundwater improvement and/or protection projects; ensure continuing education for professional staff; maintain District operations as identified in M.S. 103.501 including fiscal management, Board of Supervisors oversight, and reporting compliance.		
Activity Category	Technical/Engineering Assistance	Capital Improvement Project?	No
Source of State Contribution	SWCD Conservation Delivery	Estimated # of FTEs	0.1
Total Requested Biennial State Contribution	\$36,944.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$70,000.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$106,944.00	Action or Objective (from plan)	All Priority Concerns
Describe how this activity could be accomplished in the biennium	Koochiching SWCD staff will work in partnership with local, state and federal partners to provide information/education, technical assistance, conservation incentives and easement opportunities to		

Koochiching County landowners.

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Emerald Ash Borer (EAB) and European Buckthorn Pre-emptive Management Program: Landowners can receive free technical assistance (site visit, recommendations, and property project materials) by a SWCD forester/technician about how to alleviate the impact that EAB and European Buckthorn may have on their woodlands.		
Activity Category	Forestry Practices	Capital Improvement Project?	No
Source of State Contribution	SWCD Conservation Delivery	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$15,000.00	Estimated Number of Practices	5
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$15,000.00	Action or Objective (from plan)	Priority Concern 3: Forest Management FM1.2 Priority Concern 4: Shoreline Management IS2.3
Describe how this activity could be accomplished in the biennium	Technical assistance offered to determine need. The district would make diverse tree/shrub packages available to landowners through the SWCD annual tree and shrub sale to help mitigate the potential impact of EAB on their woodlands.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	The Buffer Cost-Share program will assist landowners with the planning and implementation of buffers, assisting them with meeting state compliance standards.		
Activity Category	Technical/Engineering Assistance	Capital Improvement Project?	No
Source of State Contribution	SWCD State Cost-Share	Estimated # of FTEs	0.01
Total Requested Biennial State Contribution	\$5,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$1,000.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$6,000.00	Action or Objective (from plan)	Priority Concern 4: Shoreline Management

			SM2.2
Describe how this activity could be accomplished in the biennium	Koochiching SWCD will make funds available for landowners with approved cost-share projects in order to meet Minnesota State Buffer Law Compliance Standards. Technical assistance will include outreach to landowners, planning, buffer design, and assistance with vegetation establishment.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Koochiching SWCD will use cost share funds to address high priority water erosion sites, sealing abandoned wells, or other applicable activities.		
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	\$20,284.00	Estimated Number of Practices	4
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$20,284.00	Action or Objective (from plan)	Priority Concern 2: Ground Water Protection GWP2.3
Describe how this activity could be accomplished in the biennium	Cost-Share: Projects will be prioritized for maximum soil and water quality benefit. Initial consultation and preliminary designs will be used to develop a cost-share contract approved by the Koochiching SWCD Board.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Local Capacity-Administration: Administration and reporting are required activities. Staff will complete all reporting, tracking, and staff administration needed for this grant during 2020-2021.		
Activity Category	Administration/Coordination	Capital Improvement Project?	No
Source of State Contribution	SWCD Local Capacity Funds	Estimated # of FTEs	0.14
Total Requested Biennial State Contribution	\$30,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$30,000.00	Action or Objective (from plan)	Priority Concern 3: Forest Management FM1.2 FM2.2 FM3.1

			Priority Concern 5: Invasive Species IS2.3
			Priority Concern 7: Education and Outreach EO1.1
Describe how this activity could be accomplished in the biennium	Administration includes, but is not limited to, completing the required eLINK reporting, supervision of staff hired and paid for by this grant, and coordination of activities necessary to complete the activities associated with this grant purchasing supplies for staff, and updating the SWCD Board on progress of this grant.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Local Capacity-Technical Services: Technical support is vital to landowners in planning all projects. Funding will help existing staff increase their services to landowners and partnering agencies as is currently needed and as needs continue to change.		
Activity Category	Technical/Engineering Assistance	Capital Improvement Project?	No
Source of State Contribution	SWCD Local Capacity Funds	Estimated # of FTEs	0.34
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 Concern 3: Forest Management FM1.2 FM2.2 FM3.1
			Priority Concern 5: Invasive Species IS2.3
			Priority Concern 7: Education and Outreach EO1.1
Describe how this activity could be accomplished in the biennium	Funds will be used to continue the enhanced delivery of Koochiching SWCD programs and projects including but not limited to: buffer law implementation support, land use planning, GIS mapping, and landowner		

assistance on conservation practice planning and implementation. Technical support the City of Northome for Bartlett Lake to reduce storm water runoff.

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Local Capacity-Education and Outreach: Informing and empowering citizens to incorporate best management practices into their daily lives is the first step in conserving Koochiching County's valuable landscape and water resources.		
Activity Category	Education/Information	Capital Improvement Project?	No
Source of State Contribution	SWCD Local Capacity Funds	Estimated # of FTEs	0.08
Total Requested Biennial State Contribution	\$50,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$50,000.00	Action or Objective (from plan)	Priority Concern 3: Forest Management FM1.2 FM2.2 FM3.1 Priority Concern 5: Invasive Species IS2.3 Priority Concern 7: Education and Outreach EO1.1 Priority Concern 8: Commercial/Industrial Impacts CII1.2
Describe how this activity could be accomplished in the biennium	Funds will be used to increase public awareness and community education via written, electronic, and in-person communications as well as workshops and outreach events.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Local Capacity-Forest Management: Proactive forest management, monitoring for health and disease issues, mitigating the threat of invasive species, and the use of BMPs have proven to play a positive role in		

	maintaining and improving water quality.		
Activity Category	Forestry Practices	Capital Improvement Project?	No
Source of State Contribution	SWCD Local Capacity Funds	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$60,000.00	Estimated Number of Practices	6
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 Concern 3: Forest Management FM1.2 FM2.2 FM3.1 FM3.2 Priority Concern 5: Invasive Species IS2.3 Priority Concern 7: Education and Outreach EO1.1
Describe how this activity could be accomplished in the biennium	Funds will be used to support the Forest Resource Specialist position that was created by the FY16 Local Capacity Funding. This position will work with private landowners to write and implement forest stewardship plans using Best Management Practices; assist private landowners with learning about and/or implementing stewardship practices that protect and improve local water quality; implement the MN Buffer Initiative; support efforts of the Northern Landscape Committee, MN Logger Education Program (MLEP), and the MN Forest Resources Council (MFRC); coordinate education efforts focused on riparian management for water quality.		

Water Resource Name	Organization Wide - Surface Water		
Activity Description	Forestry Workshops: SWCD Forester/Technician will host 2 local forest health workshops explaining what communities and citizens can do to prepare for and mitigate invasive terrestrial plant and insect infestation outbreaks such as Emerald Ash Borer (EAB), European Buckthorn, etc. Events will also educate community members on proper tree care and maintenance.		
Activity Category	Forestry Practices	Capital Improvement Project?	No
Source of State Contribution	SWCD Local Capacity Funds	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$20,000.00	Estimated Number of Practices	5

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 Concern 3: Forest Management FM1.1 FM2.1
Describe how this activity could be accomplished in the biennium	<p>Community tree data will be collected to analyze the extent of economic, ecological, and aesthetic impact invasive outbreaks such as EAB could have on communities.</p> <p>Engaging city officials, county commissioners, and other community stakeholders to show them the risk/impact of having a high ratio of ash vs. diverse tree species in the community.</p> <p>Costs associated with this project may include: Facilities rental, trainer's time, educational materials, outreach (posters, mailings, etc.), administrative cost, free tree/shrub seedling(s) for attendee's, etc.</p>		

Water Resource Name	Rainy River-Rainy Lake		
Activity Description	Local Capacity-Binational Watershed Coordination: Partnership and collaboration between the U.S. and Canada to protect water quality in the Rainy Basin.		
Activity Category	Planning and Assessment	Capital Improvement Project?	No
Source of State Contribution	SWCD Local Capacity Funds	Estimated # of FTEs	0.12
Total Requested Biennial State Contribution	\$33,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$33,000.00	Action or Objective (from plan)	Priority Concern 3: Forest Management FM1.2 FM2.2 FM3.1 Priority Concern 5: Invasive Species IS2.3

			Priority Concern 7: Education and Outreach EO1.1
Describe how this activity could be accomplished in the biennium	This funding creates an opportunity for bi-national watershed coordination between the U.S. and Canada, including tribal entities within the watershed and is a critical component in the effort to protect water quality in the Rainy-Lake of the Woods Basin. Funds will be used to allow for participation on the International Rainy-Lake of the Woods Watershed Board and Water Levels Committee (IJC appointment) and the International Multi-Agency Arrangement - Work Group (IMA-WG). These activities will increase information sharing and project coordination among bi-national water management entities to better assess water quality improvement/protection needs and desired outcomes.		

Water Resource Name	Organization Wide - Surface Water		
Activity Description	Buffer Law: Landowner assistance with Buffer Law implementation and compliance.		
Activity Category	Technical/Engineering Assistance	Capital Improvement Project?	No
Source of State Contribution	Buffer Implementation Funds	Estimated # of FTEs	0.06
Total Requested Biennial State Contribution	\$10,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$10,000.00	Action or Objective (from plan)	Priority Concern 4: Shoreline Management SM2.1
Describe how this activity could be accomplished in the biennium	Koochiching SWCD will provide education, outreach, and technical assistance to local landowners affected by the Buffer Law.		

Water Resource Name	Little Fork River		
Activity Description	Develop a priority area map to identify at-risk private forestland utilizing BWSR Watershed/Private Forest Management Program Coordinator and the Area VIII GIS Specialist's "Prioritize, Measure, Target" (PTM) methodology. This would then be used to create a targeted forest stewardship cost-share program in those at-risk areas.		
Activity Category	Forestry Practices	Capital Improvement Project?	No
Source of State Contribution	MN Dept. of Agriculture	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$10,000.00	Estimated Number of Practices	5
Estimated Leveraged Funds	\$1,000.00	Plan Type	County Comprehensive Local Water Management Plan (non-

Projects & Activities Budget	\$11,000.00	Action or Objective (from plan)	metro counties only) Priority Concern 3: Forest Management FM2.2 FM3.2 FM3.3
Describe how this activity could be accomplished in the biennium	Cooperation with Area VIII GIS Specialist to create a PTM map. Develop and implement a forest stewardship cost-share program targeting at-risk areas identified by the assessment.		

Water Resource Name	Organization Wide - Surface Water		
Activity Description	WRAPS Administrative Oversight: Koochiching County is a part of seven major 8-HUC watersheds: Red Lake, Lower Rainy, Rapid River, Rainy River-Rainy Lake, Rainy Headwaters, Little Fork River, and Big Fork River. As such, the local SWCD is positioned to assist in several watershed restoration and protection elements of the WRAPS process.		
Activity Category	Administration/Coordination	Capital Improvement Project?	No
Source of State Contribution	MN Pollution Control Agency	Estimated # of FTEs	0.12
Total Requested Biennial State Contribution	\$11,500.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$11,500.00	Action or Objective (from plan)	Priority Concern 1: Surface Water Quality SWQ4.2
Describe how this activity could be accomplished in the biennium	Koochiching SWCD will provide administrative oversight for activities occurring in a WRAPS Support in Rainy Basin Watersheds grant through the MPCA.		

Water Resource Name	Organization Wide - Surface Water		
Activity Description	WRAPS Technical Assistance: Koochiching County is a part of seven major 8-HUC watersheds: Red Lake, Lower Rainy, Rapid River, Rainy River-Rainy Lake, Rainy Headwaters, Little Fork River, and Big Fork River. As such, the local SWCD is positioned to assist in several watershed restoration and protection elements of the WRAPS process.		
Activity Category	Technical/Engineering Assistance	Capital Improvement Project?	No
Source of State Contribution	MN Pollution Control Agency	Estimated # of FTEs	1.1
Total Requested Biennial State Contribution	\$95,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local

			Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$95,000.00	Action or Objective (from plan)	Priority Concern 1: Surface Water Quality SWQ4.1 SWQ4.2 SWQ4.3
Describe how this activity could be accomplished in the biennium	Koochiching SWCD will review and comment on all technical and civic engagement documents for Lower Rainy, Rapid River, Rainy River-Rainy Lake, Little Fork River, and Big Fork River watersheds. Surface water monitoring to be completed in areas needed (i.e. Little Fork River and Big Fork River) as determined by MPCA.		

Water Resource Name	Rainy River-Black River		
Activity Description	Civic engagement events will be held with local landowners and resource professionals to discuss the WRAPS process as monitoring begins.		
Activity Category	Education/Information	Capital Improvement Project?	No
Source of State Contribution	MN Pollution Control Agency	Estimated # of FTEs	0.11
Total Requested Biennial State Contribution	\$10,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$10,000.00	Action or Objective (from plan)	Priority Concern 7: Education and Outreach EO1.3 EO1.4
Describe how this activity could be accomplished in the biennium	Koochiching SWCD, in partnership with MPCA, Lake of the Woods SWCD, and other relevant stakeholders, will hold multiple civic engagement events within the Rainy River-Black River with residents, businesses, government officials, and other concerned citizens regarding the health of the Rainy River-Black River subwatershed.		

Water Resource Name	Rapid River		
Activity Description	Civic engagement events will be held with local landowners and resource professionals to discuss the WRAPS process as monitoring begins.		
Activity Category	Education/Information	Capital Improvement Project?	No
Source of State Contribution	MN Pollution Control Agency	Estimated # of FTEs	0.11
Total Requested Biennial State Contribution	\$10,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local

			Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$10,000.00	Action or Objective (from plan)	Priority Concern 7: Education and Outreach EO1.3 EO1.4
Describe how this activity could be accomplished in the biennium	Koochiching SWCD, in partnership with MPCA, Lake of the Woods SWCD, and other relevant stakeholders, will hold multiple civic engagement events within the Rapid River with residents, businesses, government officials, and other concerned citizens regarding the health of the Rapid River subwatershed.		

Water Resource Name	Little Fork River		
Activity Description	Civic engagement events will be held with local landowners and resource professionals to discuss the WRAPS process as monitoring begins.		
Activity Category	Education/Information	Capital Improvement Project?	No
Source of State Contribution	MN Pollution Control Agency	Estimated # of FTEs	0.21
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 Concern 7: Education and Outreach EO1.3 EO1.4
Describe how this activity could be accomplished in the biennium	Koochiching SWCD, in partnership with MPCA, Itasca SWCD, North St. Louis SWCD, and other relevant stakeholders, will hold multiple civic engagement events within the Little Fork River watershed with residents, businesses, government officials, and other concerned citizens regarding the health of the Little Fork River subwatershed.		

Water Resource Name	Rainy River-Rainy Lake		
Activity Description	Civic engagement events will be held with local landowners and resource professionals to discuss the WRAPS process as monitoring begins.		
Activity Category	Education/Information	Capital Improvement Project?	No
Source of State Contribution	MN Pollution Control Agency	Estimated # of FTEs	0.16
Total Requested Biennial State Contribution	\$15,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-

Projects & Activities Budget	\$15,000.00	Action or Objective (from plan)	metro counties only) Priority Concern 7: Education and Outreach EO1.3 EO1.4
Describe how this activity could be accomplished in the biennium	Koochiching SWCD, in partnership with MPCA will hold multiple civic engagement events within the Rainy Lake with residents, businesses, government officials, and other concerned citizens regarding the health of the Rainy Lake subwatershed.		

Water Resource Name	Big Fork River		
Activity Description	Civic engagement events will be held with local landowners and resource professionals to discuss the WRAPS process as monitoring begins.		
Activity Category	Education/Information	Capital Improvement Project?	No
Source of State Contribution	MN Pollution Control Agency	Estimated # of FTEs	0.11
Total Requested Biennial State Contribution	\$10,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$10,000.00	Action or Objective (from plan)	Priority Concern 7: Education and Outreach EO1.3 EO1.4
Describe how this activity could be accomplished in the biennium	Koochiching SWCD, in partnership with MPCA, Itasca SWCD, and other relevant stakeholders, will hold multiple civic engagement events within the Big Fork River watershed with residents, businesses, government officials, and other concerned citizens regarding the health of the Big Fork River subwatershed.		

Water Resource Name	Organization Wide - Surface Water		
Activity Description	WRAPS Civic Engagement-Koochiching County is a part of seven major 8-HUC watersheds: Red Lake, Lower Rainy, Rapid River, Rainy River-Rainy Lake, Rainy Headwaters, Little Fork River, and Big Fork River. This contract involves work in six of the seven watersheds. As such, the local SWCD is positioned to assist in several watershed restoration and protection elements of the WRAPS process.		
Activity Category	Education/Information	Capital Improvement Project?	No
Source of State Contribution	MN Pollution Control Agency	Estimated # of FTEs	0.62
Total Requested Biennial State Contribution	\$75,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-

Projects & Activities Budget	\$75,000.00	Action or Objective (from plan)	metro counties only) Priority Concern 7: Education and Outreach EO1.3 EO1.4
Describe how this activity could be accomplished in the biennium	Koochiching SWCD will partner with other local agencies and local residents around the Rainy River-Lake of the Woods Basin to promote civic engagement within the Basin.		

Water Resource Name	Little Fork River		
Activity Description	The Rainy River Basin WPLMN Sampling Program is currently ongoing and will focus on watershed load monitoring in the Little Fork River watershed. The main objective is for one lead sampler and one backup sampler to collect water chemistry and field parameters designated sites at various flows, especially peak flows, and utilize that data to determine the amount of pollutant load into each stream system. These sites will coincide with locations where stream flow data is also being collected.		
Activity Category	Monitoring/Data Collection	Capital Improvement Project?	No
Source of State Contribution	MN Pollution Control Agency	Estimated # of FTEs	0.47
Total Requested Biennial State Contribution	\$68,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$68,000.00	Action or Objective (from plan)	Priority Concern 1: Surface Water Quality SWQ4.1
Describe how this activity could be accomplished in the biennium	Located in the Rainy River Basin, the program will plan monitoring trips to deliberately capture moderate and high-flow conditions when watershed runoff to each stream site is at its peak resulting in the highest amount of pollutants being carried downstream. Samples will also be collected at base flows.		

Water Resource Name	Rainy River-Rainy Lake		
Activity Description	The Rainy River Basin WPLMN Sampling Program is ongoing and will focus on watershed load monitoring in the Rainy River – Rainy Lake watershed. The main objective is for one lead sampler and one backup sampler to collect water chemistry and field parameters designated sites at various flows, especially peak flows, and utilize that data to determine the amount of pollutant load into each stream system. These sites will coincide with locations where stream flow data is also being collected.		
Activity Category	Monitoring/Data Collection	Capital Improvement Project?	No
Source of State Contribution	MN Pollution Control Agency	Estimated # of FTEs	0.19
Total Requested Biennial State Contribution	\$30,000.00	Estimated Number of Practices	

Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$30,000.00	Action or Objective (from plan)	Priority Concern 1: Surface Water Quality SWQ4.1
Describe how this activity could be accomplished in the biennium	Located in the Rainy River Basin, the program will plan monitoring trips to deliberately capture moderate and high-flow conditions when watershed runoff to each stream site is at its peak resulting in the highest amount of pollutants being carried downstream. Samples will also be collected at base flows.		

Water Resource Name	Big Fork River		
Activity Description	WPLMN: The Rainy River Basin WPLMN Sampling Program is ongoing and will focus on watershed load monitoring in the Big Fork River watershed. The main objective is for one lead sampler and one backup sampler to collect water chemistry and field parameters designated sites at various flows, especially peak flows, and utilize that data to determine the amount of pollutant load into each stream system. These sites will coincide with locations where stream flow data is also being collected.		
Activity Category	Monitoring/Data Collection	Capital Improvement Project?	No
Source of State Contribution	MN Pollution Control Agency	Estimated # of FTEs	0.19
Total Requested Biennial State Contribution	\$30,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$30,000.00	Action or Objective (from plan)	Priority Concern 1: Surface Water Quality SWQ4.1
Describe how this activity could be accomplished in the biennium	Located in the Rainy River Basin, the program will plan monitoring trips to deliberately capture moderate and high-flow conditions when watershed runoff to each stream site is at its peak resulting in the highest amount of pollutants being carried downstream. Samples will also be collected at base flows.		

Water Resource Name	Vermilion River		
Activity Description	The Rainy River Basin WPLMN Sampling Program is ongoing and will focus on watershed load monitoring in the Vermilion River watershed. The main objective is for one lead sampler and one backup sampler to collect water chemistry and field parameters designated sites at various flows, especially peak flows, and utilize that data to determine the amount of pollutant load into each stream system. These sites will coincide with locations where stream flow data is also being collected.		
Activity Category	Monitoring/Data Collection	Capital Improvement Project?	No

Source of State Contribution	MN Pollution Control Agency	Estimated # of FTEs	0.19
Total Requested Biennial State Contribution	\$30,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$30,000.00	Action or Objective (from plan)	Priority Concern 1: Surface Water Quality SWQ4.1
Describe how this activity could be accomplished in the biennium	Located in the Rainy River Basin, the program will plan monitoring trips to deliberately capture moderate and high-flow conditions when watershed runoff to each stream site is at its peak resulting in the highest amount of pollutants being carried downstream. Samples will also be collected at base flows.		