



FY 20 - 21 Biennial Budget Request Big Stone SWCD

Total Requested Biennial State Contribution:	\$914,400.00	BBR ID:	BBR18-2045
Total Leveraged Funds	\$356,625.00	Submitted Date	
Total Resource Project and Activities Budget	\$1,271,025.00	Staff Contact	Beau Peterson
Total BMPs	68	Board Conservationist	Jason Beckler
Total FTEs	4.47		

SWCD Program Grant Summary

Grant Source	Estimated Amount Available	Estimated Amount Budgeted
SWCD State Cost-Share	\$13,100.00	\$50,000.00
SWCD Conservation Delivery	\$36,074.00	\$40,000.00
RIM Easement Delivery	\$3,580.00	\$10,000.00

Water Resources of Concern

Primary Water Resource of Concern	Water Resource Category	Watershed	Impairments	Trend
Big Stone Lake	Surface Water	Minnesota River - Headwaters	Yes	Down
Organization Wide - Surface & Ground Water	Surface & Ground Water		Yes	Down
Minnesota River	Surface Water	Minnesota River - Headwaters	Yes	Down

Activity Summary

Water Resource Name	Activity Description
Big Stone Lake	CWF - Implement erosion prevention by use of Conservation Tillage and Cover Crops to improve the water quality in Big Stone Lake.

Activity Category	Non-Structural Management Practices	Capital Improvement Project?	No
Source of State Contribution	BWSR Clean Water Fund - Projects and Practices	Estimated # of FTEs	0.3
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)	page 3-12, goal 2, objective F, 2.F.1.-provide educational, technical, and financial assistance to landowners for the implementation of erosion and sediment control BMPs.
Describe how this activity could be accomplished in the biennium	Landowners willing to switch their operation to soil health practices on or near Big Stone Lake will be offered an incentive payment to assist in the costs of these practices.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Buffer Law - Staff time to implement the Buffer Law, and cost share assistance for landowners to come into compliance.		
Activity Category	Regulations/Ordinances/Enforcement	Capital Improvement Project?	No
Source of State Contribution	Buffer Implementation Funds	Estimated # of FTEs	0.3
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)	Page 3-14, goal 3, objective G, item 3.G.1.g,h-ensure long term production by properly maintaining the public drainage system by installing buffers to control erosion and sedimentation and to maintain efficiency and to conduct a buffer inventory to ensure the

Describe how this activity could be accomplished in the biennium		systems are adequately protected from overland flow and that nutrient and sediment filtration exists.
The district will provide guidance to support the implementation of MS 103F.48 relating to perennial vegetation requirements and/or alternative practices on all public water and public drainage systems. Staff will also assist counties with enforcement as needed, likely providing documentation and subpoena information during court hearings.		

<p>Water Resource Name</p> <p>Activity Description</p> <p>Activity Category</p> <p>Source of State Contribution</p> <p>Total Requested Biennial State Contribution</p> <p>Estimated Leveraged Funds</p> <p>Projects & Activities Budget</p> <p>Describe how this activity could be accomplished in the biennium</p>	<p>Organization Wide - Surface & Ground Water</p> <p>Soil Loss/Erosion Law will be in effect in the future and more requirements will be laid upon districts statewide to implement.</p> <p>Regulations/Ordinances/Enforcement</p> <p>Buffer Implementation Funds</p> <p>\$20,000.00</p> <p>\$0.00</p> <p>\$20,000.00</p>	<p>Capital Improvement Project?</p> <p>Estimated # of FTEs</p> <p>Estimated Number of Practices</p> <p>Plan Type</p> <p>Action or Objective (from plan)</p>	<p>No</p> <p>0.1</p> <p>County Comprehensive</p> <p>Local Water Management Plan (non-metro counties only)</p> <p>Big Stone SWCD Annual Plan; II. Objectives, C.2. - Buffer Law Implementation</p>
The district will provide guidance to support the implementation of MS 103F relating to the erosion/soil loss law.			

<p>Water Resource Name</p> <p>Activity Description</p> <p>Activity Category</p> <p>Source of State Contribution</p> <p>Total Requested Biennial State Contribution</p> <p>Estimated Leveraged Funds</p> <p>Projects & Activities Budget</p>	<p>Minnesota River</p> <p>MN Nitrogen Fertilizer Rule implementation/enforcement.</p> <p>Regulations/Ordinances/Enforcement</p> <p>MN Dept. of Agriculture</p> <p>\$100,000.00</p> <p>\$150,000.00</p> <p>\$250,000.00</p>	<p>Capital Improvement Project?</p> <p>Estimated # of FTEs</p> <p>Estimated Number of Practices</p> <p>Plan Type</p> <p>Action or Objective (from plan)</p>	<p>No</p> <p>0.1</p> <p>County Comprehensive</p> <p>Local Water Management Plan (non-metro counties only)</p> <p>Nitrogen Fertilizer Management Plan</p>

Describe how this activity could be accomplished in the biennium

Staff will spend time promoting and implementing the rules of the MN Nitrogen Fertilizer Rule to landowners and providing assistance in making those changes to their operation with cost share assistance.

Water Resource Name		Organization Wide - Surface & Ground Water	
Activity Description		Local Capacity - Educational materials that may be purchased for staff, partners, community members, and citizens.	
Activity Category	Education/Information	Capital Improvement Project?	No
Source of State Contribution	SWCD Local Capacity Funds	Estimated # of FTEs	0.05
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)	page 3-26, chapter 3, goal 5, objective M, action item 5.M.1.-effectively administer the Big Stone County Waterplan.
Describe how this activity could be accomplished in the biennium		Educational expenses to provide staff with opportunities toward receiving appropriate job approval authority and conservation planner certification, as well as educational items that may be purchased to further engage citizens during public outreach events.	

Water Resource Name		Organization Wide - Surface & Ground Water	
Activity Description		Local Capacity Big Stone County SWCD Administration of grants	
Activity Category	Administration/Coordination	Capital Improvement Project?	No
Source of State Contribution	SWCD Local Capacity Funds	Estimated # of FTEs	0.3
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)	page 3-26, chapter 3, goal 5, objective M, action item 5.M.1.-effectively administer the Big Stone County Waterplan.
Describe how this activity could be accomplished in the biennium		This activity will provide for administrative time with regard to continued workload, training and reporting. In addition to the District Admin. Asst., the District Manager will be responsible for administering, guiding and	

coordinating staff and partners while balancing the financial affairs and the operations of the District.

Water Resource Name		Organization Wide - Surface & Ground Water	
Activity Description		Local Capacity - Agricultural Best Management Practice implementation.	
Activity Category	Agricultural Practices	Capital Improvement Project?	No
Source of State Contribution	SWCD Local Capacity Funds	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$140,000.00	Estimated Number of Practices	25
Estimated Leveraged Funds	\$35,000.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$175,000.00	Action or Objective (from plan)	: Big Stone County Comprehensive Local Water Management Plan/Big Stone SWCD Annual Plan of Work-Objective III-Cost Share Program Requirements Section A.
Describe how this activity could be accomplished in the biennium	This activity will provide additional cost share assistance to landowners who participate in highly valued and targeted BMPs. Examples of these BMPs include, but are not limited to: conservation tillage, cover crops, nutrient management, irrigation water management, water and sediment basins, ag waste facility closures, grass waterways, and terraces that filter sediment, reduce soil erosion and protect surface water quality. Available cost share funds will be awarded and reimbursed for eligible practices with rates consistent with FY18 BWSR Erosion and Sediment Control program policy. Leverage amount is the likely 25% or more contribution from landowner or another source of funding as a match.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	ECWMP - Technician, Engineer, and Consultant time working on projects using cost share funds to address water quality degradation in high priority areas listed in the Big Stone SWCD Erosion Control and Water Management Policy.		
Activity Category	Technical/Engineering Assistance	Capital Improvement Project?	No
Source of State Contribution	SWCD State Cost-Share	Estimated # of FTEs	0.2
Total Requested Biennial State Contribution	\$7,500.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)

<p>Projects & Activities Budget</p>	<p>\$7,500.00</p>	<p>Action or Objective (from plan)</p>	<p>page 3-12, chapter 3, goal 2, objective F, action item 2.F.1.- provide education, technical and financial assistance to landowners for the implementation of erosion and sediment control BMPs.</p>
<p>Describe how this activity could be accomplished in the biennium</p>			
<p>Projects designed for maximum soil and water quality benefit. Initial consultation and preliminary designs will be used to develop a cost share estimate and contract approved by the Big Stone SWCD board. Typical time frame from first visit to final inspection is 10 months.</p>			

<p>Water Resource Name</p>	<p>Organization Wide - Surface & Ground Water</p>		
<p>Activity Description</p>	<p>ECWMP - The State Cost Share Program will provide financial assistance to land occupiers to install conservation practices as outlined in M.S. 103C.501. District Policy will follow the Erosion Control and Water Management Policy including Non-Structural Management Practices.</p>		
<p>Activity Category</p>	<p>Agricultural Practices</p>	<p>Capital Improvement Project?</p>	<p>Yes</p>
<p>Source of State Contribution</p>	<p>SWCD State Cost-Share</p>	<p>Estimated # of FTEs</p>	<p>15</p>
<p>Total Requested Biennial State Contribution</p>	<p>\$42,500.00</p>	<p>Estimated Number of Practices</p>	<p>County Comprehensive Local Water Management Plan (non-metro counties only)</p>
<p>Estimated Leveraged Funds</p>	<p>\$10,625.00</p>	<p>Plan Type</p>	<p>page 3-12, chapter 3, goal 2, objective F, action item 2.F.3.- provide education, technical, and financial assistance to landowners for the implementation of erosion and sediment control BMPs. Leverage - 25% minimum match.</p>
<p>Projects & Activities Budget</p>	<p>\$53,125.00</p>	<p>Action or Objective (from plan)</p>	
<p>Describe how this activity could be accomplished in the biennium</p>			
<p>Projects designed for maximum soil and water quality benefit. Initial consultation and preliminary designs will be used to develop a cost share estimate and contract approved by the Big Stone SWCD board. Typical time frame from first visit to final inspection is 10 years practice life.</p>			

<p>Water Resource Name</p>	<p>Organization Wide - Surface & Ground Water</p>
<p>Activity Description</p>	<p>CWMA - The Big Stone SWCD will continue to apply for funding through the Cooperative Weed</p>

Activity Category Source of State Contribution	Supplies/Equipment	Capital Improvement Project? Estimated # of FTEs	No
	SWCD Cooperative Weed Management Funds		0.15
	Estimated Leveraged Funds		
Total Requested Biennial State Contribution	\$9,000.00	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	\$59,000.00	Action or Objective (from plan)	pages 3-13, chapter 3, goal 2, objective F, action item 2.F.3.g.-provide educational, technical, and financial assistance to landowners for the implementation of erosion and sediment control BMPs, and continue to work with involved agencies on sustaining and expanding the Big Stone/Traverse CWMA
Describe how this activity could be accomplished in the biennium			
This activity will provide the funds for the District to hire an intern, maintain equipment, purchase chemical, and provide educational workshops for landowners.			

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	CWMA - The District will continue to apply for funding for the Cooperative Weed Management grant. This grant would continue the successful work of identifying, documenting and eliminating targeted invasive weeds throughout the county.		
Activity Category	Administration/Coordination	Capital Improvement Project?	No
Source of State Contribution	SWCD Cooperative Weed Management Funds	Estimated # of FTEs	0.25
Total Requested Biennial State Contribution	\$6,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$3,000.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$9,000.00	Action or Objective (from plan)	page 3-13, chapter 3, goal 2, objective F, action item

Describe how this activity could be accomplished in the biennium	<p>Big Stone SWCD will continue to develop and sustain strong partnerships between landowners, government units and other interested partners to manage invasive species. Targeted invasive species include Wild Parsnip, Queen Anne's Lace, Leafy Spurge, Crown Vetch, and Poison Hemlock. GPS mapping and documentation of previous and newly identified areas of infestation will continue to control and prevent any further spreading. A mapping system will be developed to allow landowners to report weeds online.</p>	<p>2.F.3.g.-provide educational, technical and financial assistance to landowners for the implementation of erosion and sediment control BMPs, and continue to work with involved agencies on sustaining and expanding the Big Stone/Traverse CWMA grant program. Time will be spent putting together a mapping system for private landowners to utilize for weed reporting on the district website.</p>
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Water Resource Name Activity Description Activity Category Source of State Contribution Total Requested Biennial State Contribution Estimated Leveraged Funds Projects & Activities Budget	Organization Wide - Surface & Ground Water		
	DNR contracts district to monitor groundwater wells annually.		
	Planning and Assessment	Capital Improvement Project?	No
	MN Dept. of Natural Resources	Estimated # of FTEs	0.02
	\$2,400.00	Estimated Number of Practices	
\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)	
\$2,400.00	Action or Objective (from plan)	Pg 3-24, Chapter 3, Goal 4, Objective L: Implement Best Management Practices to protect the quantity of ground water; 4.L.1.a) monitor ground water well test sites.	
Describe how this activity could be	District will monitor 5 wells monthly 8 months out of the year for groundwater levels.		

accomplished in the biennium

Water Resource Name Organization Wide - Surface & Ground Water

Activity Description This activity is to promote the Minnesota Ag Water Quality Certification Program.

Activity Category Education/Information

Source of State Contribution MDA Ag Water Quality Certification Funds

Total Requested Biennial State Contribution Estimated Number of Practices

Estimated Leveraged Funds \$20,000.00

Projects & Activities Budget \$0.00

Describe how this activity could be accomplished in the biennium The district will promote the MAWQCP through general producer contacts, newsletters, local newspaper articles and radio announcements. Local informational meetings will be held for landowners.

Organization Wide - Surface & Ground Water Capital Improvement Project? No

Estimated # of FTEs 0.2

Estimated Number of Practices

Plan Type

Action or Objective (from plan)

SWCD Comprehensive Plan (SWCDs only; if SWCD has adopted County Comprehensive Local Water Mgmt. Plan, select that option)

Page 3-26, goal 5, objective M

- Engage the citizens on key water planning issues and implementation opportunities.

Organization Wide - Surface & Ground Water

Activity Description Conservation delivery - funds to be used for District expenses including special meeting expenses, storage expenses, equipment for the administration and delivery of local conservation activities including those under M.S. 103C.501.

Activity Category Project Development

Source of State Contribution SWCD Conservation Delivery

Total Requested Biennial State Contribution Estimated # of FTEs

Estimated Leveraged Funds \$40,000.00

Projects & Activities Budget \$0.00

Organization Wide - Surface & Ground Water Capital Improvement Project? No

Estimated Number of Practices 0.25

Plan Type

Action or Objective (from plan)

County Comprehensive Local Water Management Plan (non-metro counties only)

pages 3-12, chapter 3, goal 2, objective F, action item 2.F.1.- provide educational, technical and financial assistance to landowners for the implementation of erosion

Describe how this activity could be accomplished in the biennium		and sediment control BMPs.
	Big Stone SWCD works in partnership with local, state and federal partners to provide technical assistance, conservation incentives, and easement opportunities to the landowners of Big Stone County. Leveraged with County allocation funds.	

Water Resource Name	Organization Wide - Surface & Ground Water	
Activity Description	RIM (New version) - District inspection reimbursements as well as easement processing reimbursements for work performed by the SWCD on behalf of the RIM program.	
Activity Category	Easements	Capital Improvement Project?
Source of State Contribution	RIM Easement Delivery	Estimated # of FTEs
Total Requested Biennial State Contribution	\$10,000.00	Estimated Number of Practices
Estimated Leveraged Funds	\$0.00	Plan Type
Projects & Activities Budget	\$10,000.00	Action or Objective (from plan)
Describe how this activity could be accomplished in the biennium	Big Stone SWCD staff will conduct inspections, document the findings and report deficiencies to the landowner and work with them to implement corrective actions. SWCD will invoice BWSR for easements acquired in county as performed in the Master Joint Powers Agreement between BWSR and the SWCD.	
		County Comprehensive Local Water Management Plan (non-metro counties only)
		page 3-12, chapter 3, goal 2, objective F, action item 2.F.1.e.-work with landowners to identify priority sites to implement erosion and sediment control Best Management Practices for wetland restoration using RIM funds.

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Local Capacity - Supplies needed for office such as computer technology upkeep, desk upgrades, printer upkeep/upgrade, paper, toner, chairs, promotional items, etc., potential upkeep of service equipment that relate to implementing BMPs on the ground for landowners.		
Activity Category	Supplies/Equipment	Capital Improvement Project?	No
Source of State Contribution	SWCD Local Capacity Funds	Estimated # of FTEs	0.05
Total Requested Biennial State Contribution	\$10,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$10,000.00	Plan Type	County Comprehensive Local Water Management Plan (non-

<p>Projects & Activities Budget</p>	<p>\$20,000.00</p>	<p>Action or Objective (from plan)</p>	<p>metro counties only) page 4-1, Chapter B. - Water Plan Administration/Implementation Plan and Priorities. Big Stone County Comprehensive Local Water Management Plan; Big Stone SWCD Annual Plan of Work-Objective I Section A - Soil Erosion Subsection 4</p>
<p>Describe how this activity could be accomplished in the biennium</p>			
<p>Use and Promotion of the District's Equipment and Services. The activity will contribute toward the purchase of equipment and technology as needed in order to increase the District's ability to provide quality services to our customers. Leverage will be with District general funds.</p>			

<p>Water Resource Name</p>	<p>Big Stone Lake</p>		
<p>Activity Description</p>	<p>CWF - Practices that will prevent further sediment and nutrients from draining into Big Stone Lake will be implemented in the sub-watersheds leading into the lake.</p>		
<p>Activity Category</p>	<p>Conservation Drainage</p>	<p>Capital Improvement Project?</p>	<p>Yes</p>
<p>Source of State Contribution</p>	<p>BWSR Clean Water Fund - Multi Purpose Drainage Management</p>	<p>Estimated # of FTEs</p>	
<p>Total Requested Biennial State Contribution</p>	<p>\$100,000.00</p>	<p>Estimated Number of Practices</p>	<p>14</p>
<p>Estimated Leveraged Funds</p>	<p>\$25,000.00</p>	<p>Plan Type</p>	<p>County Comprehensive Local Water Management Plan (non-metro counties only)</p>
<p>Projects & Activities Budget</p>	<p>\$125,000.00</p>	<p>Action or Objective (from plan)</p>	<p>Page 3-13, goal 2, objective F, item 2.F.5-SWCD Clean Water Funding Projects - to provide educational, technical and financial assistance to landowners for the implementation of erosion and sediment control BMPs.</p>
<p>Describe how this activity could be accomplished in the biennium</p>			
<p>Promotion to landowners in the Big Stone Lake watershed to implement practices such as transitioning open inlets to Water Quality Inlets, installation of Water and Sediment Control Basins, and installation of temporary wetlands that drain toward Big Stone Lake. These practices will reduce the amount of sediment and nutrients that enter into the lake. Partner LGUs will assist with cost share funds.</p>			

Water Resource Name		Big Stone Lake	
Activity Description		CWF admin - Staff time to promote and implement the CWF projects that impact Big Stone Lake following the WRAPS report from Upper Minnesota River Watershed District. Engineer costs will also be associated under this fund as well as Crop Consultant costs.	
Activity Category	Technical/Engineering Assistance	Capital Improvement Project?	No
Source of State Contribution	BWSR Clean Water Fund - Projects and Practices	Estimated # of FTEs	0.5
Total Requested Biennial State Contribution	\$25,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$10,000.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$35,000.00	Action or Objective (from plan)	page 3-12, chapter 3, goal 2, objective F, 2.F.1.-provide educational, technical and financial assistance, as available, to landowners for the implementation of BMPs.
Describe how this activity could be accomplished in the biennium		District staff will coordinate project implementation to better Big Stone Lake following the WRAPS report from Upper Minnesota River Watershed District. Engineer will design these projects while training staff to work on their Job Approval Authority to save engineer costs on future projects. District will match some of these funds using county allocation.	

Water Resource Name		Big Stone Lake	
Activity Description		CWF - Partner with South Dakota partners to promote land use practices that will improve the water quality of Big Stone Lake.	
Activity Category	Education/Information	Capital Improvement Project?	No
Source of State Contribution	BWSR Clean Water Fund - Community Partners	Estimated # of FTEs	0.1
Total Requested Biennial State Contribution	\$5,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$5,000.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$10,000.00	Action or Objective (from plan)	page 3-26, chapter 3, goal 5, objective M, action item

Describe how this activity could be accomplished in the biennium		5.M.1.-effectively administer the Big Stone County Waterplan.
In lieu of the Minnesota CWF projects district manager will spend time promoting to adjacent South Dakota counties' LGUs and state agencies to better land use around the Big Stone lake watershed. Promotional items will be created to help in their promotions. Citizen's Group for Big Stone Lake will be approached to match dollar for dollar. This is essential to improving Big Stone Lake, which is half in Minnesota and all of its water drains into the Minnesota River, which leads to the Twin Cities where it enters the Mississippi River.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Local Capacity - Riparian Zone Management/2018 Cost Share Assistance Shoreline/Streambank projects.		
Activity Category	Streambank or Shoreline Protection	Capital Improvement Project?	Yes
Source of State Contribution	SWCD Local Capacity Funds	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$20,000.00	Estimated Number of Practices	4
Estimated Leveraged Funds	\$5,000.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$25,000.00	Action or Objective (from plan)	Ref: Big Stone County Comprehensive Local Water Management Plan/Big Stone SWCD Annual Plan of Work - Objective III; Cost Share Program - Section B - High Priority Erosion Problems.
Describe how this activity could be accomplished in the biennium	This activity will provide cost share assistance to landowners who participate in highly valuable BMPs. Available cost share funds will be awarded and reimbursed with rates that are eligible and consistent with the FY18 BWSR Erosion and Sediment Control Program Policy. Examples of these streambank and shoreline protection BMPs include, but are not limited to: filter strips, shoreline restoration projects, and streambank and shoreline protection. Up to 75%, landowner match of at least 25% or another source.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Local Capacity - Technical and Engineering assistance such as Technician time, Technical Service Provider and Areas' bills for work performed designing BMPs that are cost shared through the Big Stone SWCD.		
Activity Category	Technical/Engineering Assistance	Capital Improvement Project?	No

Source of State Contribution Total Requested Biennial State Contribution Estimated Leveraged Funds Projects & Activities Budget	SWCD Local Capacity Funds	Estimated # of FTEs	0.5
	\$40,000.00	Estimated Number of Practices	
	\$10,000.00	Plan Type	
Projects & Activities Budget	\$50,000.00	Action or Objective (from plan)	
	<p>Describe how this activity could be accomplished in the biennium</p> <p>This activity will provide for technical time for current full time technical staff with regard to continued job performance, training, marketing, engineering and enhanced knowledge of conservation programs and services provided by the District. This activity will assist in the contract hire of a Technical Service Provider approved by BWSR to assist in training staff toward NRCS JAA, while providing landowners with assistance on non-structural practices such as: cover crops, nutrient management, and conservation tillage. This activity will also be used to assist West Central Technical Service Area with reimbursement of their time assisting staff and landowners in designing structural engineered practices such as: WASCOSB, grassed waterways, shoreline restorations, rain gardens, and other practices. District will leverage with its general fund.</p>		

Water Resource Name	Big Stone Lake		
Activity Description	CWF - Projects will be implemented to correct eroding shorelines on Big Stone Lake and adjacent tributary streams, targeted at those streams listed as impaired in the Big Stone County WRAPS.		
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	\$80,000.00	Estimated Number of Practices	10
Estimated Leveraged Funds	\$30,000.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$110,000.00	Action or Objective (from plan)	Page 3-20, goal 3, objective J, item 3.J.2-Watershed project shoreline lake restoration to provide cost-share and technical assistance to lakeshore owners of Big Stone

Describe how this activity could be accomplished in the biennium	<p>Promotion by technical staff and partner LGUs to collect interested landowners. Engineer and contractors will design and negotiate costs involved and use CWF money to cost share these projects with the landowners or leverage money to fully fund. These BMPs will reslope the shoreline per Clean Water Fund guidelines and regulations, including the planting of native vegetation, and rock rip/rap at the base of the reslope to prevent future erosion</p>
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<p>Water Resource Name</p> <p>Activity Description</p> <p>Activity Category</p> <p>Source of State Contribution</p> <p>Total Requested Biennial State Contribution</p> <p>Estimated Leveraged Funds</p> <p>Projects & Activities Budget</p> <p>Describe how this activity could be accomplished in the biennium</p>	<p>Lake.</p> <p>Organization Wide - Surface & Ground Water</p> <p>The Big Stone SWCD will apply for MN Farmbill Assistance grant dollars to continue the highest quality and proactive conservation work that the position has accomplished for the district. The position has increased land owner participation in the conservation provisions of the Federal Farm Bill which increases the amount of native grasses and wetlands on the landscape to enhance water quality, reduce soil erosion, and increase fish and wildlife habitat.</p> <table border="1"> <tr> <td data-bbox="933 688 998 1066">Technical/Engineering Assistance</td> <td data-bbox="933 1066 998 1619">Capital Improvement Project?</td> <td data-bbox="933 1619 998 2026">No</td> </tr> <tr> <td data-bbox="885 688 933 1066">Farm Bill Assistance</td> <td data-bbox="885 1066 933 1619">Estimated # of FTEs</td> <td data-bbox="885 1619 933 2026">1</td> </tr> <tr> <td data-bbox="747 688 885 1066">\$117,000.00</td> <td data-bbox="747 1066 885 1619">Estimated Number of Practices</td> <td data-bbox="747 1619 885 2026">County Comprehensive Local Water Management Plan (non-metro counties only)</td> </tr> <tr> <td data-bbox="698 688 747 1066">\$13,000.00</td> <td data-bbox="698 1066 747 1619">Plan Type</td> <td data-bbox="698 1619 747 2026">Page 3-12, chapter 3, Goal 2, objective F: to reduce soil erosion and sedimentation by working with landowners to identify priority sites to implement erosion and sediment control Best Management Practices.</td> </tr> <tr> <td data-bbox="462 688 698 1066">\$130,000.00</td> <td data-bbox="462 1066 698 1619">Action or Objective (from plan)</td> <td data-bbox="462 1619 698 2026"></td> </tr> </table> <p>The Farm Bill Assistance grant allows the district to hire a fulltime technician dedicated to the creation and improvement of conservation habitat for wildlife and water quality through programs such as CRP, EQIP, WLI, Native Prairie Bank, RIM easements. The Farm Bill technician addresses water quality concerns, erosion reduction and habitat loss in Big Stone County.</p>	Technical/Engineering Assistance	Capital Improvement Project?	No	Farm Bill Assistance	Estimated # of FTEs	1	\$117,000.00	Estimated Number of Practices	County Comprehensive Local Water Management Plan (non-metro counties only)	\$13,000.00	Plan Type	Page 3-12, chapter 3, Goal 2, objective F: to reduce soil erosion and sedimentation by working with landowners to identify priority sites to implement erosion and sediment control Best Management Practices.	\$130,000.00	Action or Objective (from plan)	
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