



FY 18 - 19 Biennial Budget Request Wabasha SWCD

Total Requested Biennial State Contribution:	\$1,612,222.00	BBR ID	BBR16-3359
Total Leveraged Funds	\$314,431.00	Submitted Date	4/18/2016
Total Resource Project and Activities Budget	\$1,926,653.00	Staff Contact	Terri Peters
Total BMPs	111	Board Conservationist	Adam Beilke
Total FTEs	2.99		

SWCD Program Grant Summary

Grant Source	Estimated Amount Available	Estimated Amount Budgeted
SWCD Conservation Delivery	\$39,238.00	\$110,000.00
RIM Easement Delivery	\$2,586.00	\$13,500.00
SWCD State Cost-Share	\$27,722.00	\$27,722.00

Water Resources of Concern

Primary Water Resource of Concern	Water Resource Category	Watershed	Impairments	Trend
Mississippi River -Lake Pepin and tributaries	Surface Water	Mississippi River - Lake Pepin	Yes	Down
Gorman Creek	Surface & Ground Water	Mississippi River - Winona	Yes	Down
Organization Wide - Ground Water	Ground Water		Yes	Down
Organization Wide - Surface Water	Surface Water		N/A	N/A
Organization Wide - Surface Water	Surface Water		N/A	N/A
Organization Wide - Surface & Ground Water	Surface & Ground Water		N/A	N/A
Organization Wide - Surface & Ground Water	Surface & Ground Water		N/A	N/A
Organization Wide - Surface & Ground Water	Surface & Ground Water		N/A	N/A

Activity Summary

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Wabasha SWCD will use cost share to address runoff from impermeable urban surfaces. Technical assistance will be provided by both SWCD staff and contracted individuals.		
Activity Category	Urban Stormwater Management Practices	Capital Improvement Project?	No
Source of State Contribution	BWSR Clean Water Fund - Projects and Practices	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$30,000.00	Estimated Number of Practices	10
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)	Page 39. Urban Issues - Objective 3c: Develop a rain garden/rooftop garden education Program.....Objective 3d Seek funding to implement rain/rooftop/impervious replacement garden programs....
Describe how this activity could be accomplished in the biennium	Wabasha SWCD will develop a rain garden program to address urban runoff. Areas will be targeted for residential rain gardens, as well as businesses or city blocks for maximum benefit. Costs covered will include community education, design classes, contractors, installation and follow up. There are already interested participants, including a city block as part of new business construction		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Wabasha SWCD will provide landowners technical, administrative and financial assistance for streambank stabilization and shoreland protection practices.		
Activity Category	Streambank or Shoreline Protection	Capital Improvement Project?	No
Source of State Contribution	SWCD Local Capacity Funds	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$100,000.00	Estimated Number of Practices	5

Estimated Leveraged Funds	\$25,000.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$125,000.00	Action or Objective (from plan)	Page 29. Soil Erosion - Objective 1: Action Item 1e: Identify priority and sensitive area solutions and justify funding for some stream bank projects.
Describe how this activity could be accomplished in the biennium	Wabasha SWCD has identified potential projects in a targeted watershed and will install BMP's to address soil erosion and water quality.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Continued efforts with maintaining buffers established by State ordinance.		
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	\$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 31 Soil Erosion - Objective 3: Enforce Row Crop Setbacks Action Item 3c: Provide Wabasha County Environmental Services Department with proper technical support when addressing buffer related issues; Action Item 3d: ...apply for grant funds to support buffer programs. Action Item 3f.....promote 50 acres/yr. harvestable buffers...
Describe how this activity could be	Continue to offer technical assistance to landowners to maintain their 50' buffers mandated by State statute		

accomplished in the biennium

Water Resource Name	Organization Wide - Surface Water		
Activity Description	Wabasha SWCD will continue to provide technical and planning assistance for CRP sign ups		
Activity Category	Planning and Assessment	Capital Improvement Project?	No
Source of State Contribution	USDA EQIP/CSP	Estimated # of FTEs	0.25
Total Requested Biennial State Contribution	\$0.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$25,000.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$25,000.00	Action or Objective (from plan)	Page 31 Soil Erosion - Action Item 3e: Target landowners of marginal lands that are not enrolled in CRP or other long term conservation programs...
Describe how this activity could be accomplished in the biennium	Currently the funds are passed through the MASWCD as sign up periods are approved. Staff continue to assist landowners otherwise even during non-funded times. Some Districts have Farm Bill Technician funding. Source should be USDA CRP/Farm Bill		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Wabasha SWCD will use easement delivery dollars for technical and administrative assistance to landowners for the RIM Easement Program		
Activity Category	Non-Structural Management Practices	Capital Improvement Project?	No
Source of State Contribution	RIM Easement Delivery	Estimated # of FTEs	0.09
Total Requested Biennial State Contribution	\$8,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$8,000.00	Action or Objective (from plan)	Page 33 SSTS/Wells/Groundwater - Objective 1: Action Item 1a: Promote RIM and Continuous CRP in DWSMAs characterized as highly or very high

			vulnerability.
Describe how this activity could be accomplished in the biennium	Wabasha SWCD will provide education, information, administrative and technical services to protect more acres by putting them into easements		

Water Resource Name	Organization Wide - Surface Water		
Activity Description	Wabasha SWCD will provide technical, administrative, and financial assistance to implement livestock waste management systems		
Activity Category	Livestock Waste Management	Capital Improvement Project?	No
Source of State Contribution	BWSR Clean Water Fund - Projects and Practices	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$530,000.00	Estimated Number of Practices	14
Estimated Leveraged Funds	\$125,000.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$655,000.00	Action or Objective (from plan)	Page 31 Nutrient and Manure Management - Objective 1: Action Item 1e: Identify 2 large manure storage projects biannually that would improve environmental quality and provide pollution reduction.
Describe how this activity could be accomplished in the biennium	Wabasha SWCD will provide assistance on 2 large scale livestock waste management systems. Estimated amount includes technical assistance. Additionally, there is a need for more small feedlot fixes and those are included in the total estimated need, as well.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Wabasha SWCD will work with partner agencies to deliver conservation practices to landowners in subwatershed target areas to promote forest health and wildlife habitat.		
Activity Category	Forestry Practices	Capital Improvement Project?	No
Source of State Contribution	MN Dept. of Natural Resources	Estimated # of FTEs	

Total Requested Biennial State Contribution	\$90,000.00	Estimated Number of Practices	30
Estimated Leveraged Funds	\$12,500.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$102,500.00	Action or Objective (from plan)	Page 36 Forest and Pasture Land - Objective 2 Action Item 2e: Seek funding for watershed forestry initiative such as healthy Forests Healthy Waters (East Indian Creek)
Describe how this activity could be accomplished in the biennium	Wabasha SWCD will continue to work with partner agencies identifying and working with landowners for forest health improvements in targeted watersheds to provide Forest Stewardship and Conservation Plans and use those plans to implement practices to benefit erosion reduction, forest health, riparian and sensitive land areas, and wildlife habitat.		

Water Resource Name	Organization Wide - Surface Water		
Activity Description	Wabasha SWCD will use CWMA dollars to continue invasive species, detection, mapping, education, & management.		
Activity Category	Forestry Practices	Capital Improvement Project?	No
Source of State Contribution	SWCD Cooperative Weed Management Funds	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$40,000.00	Estimated Number of Practices	12
Estimated Leveraged Funds	\$7,500.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$47,500.00	Action or Objective (from plan)	Page 35. Forest and Pasture Land: - Action Item 4c: Continue to apply for Clean Water Funding for the Cooperative Weed Management Program (CWMA)
Describe how this activity could be accomplished in the biennium	Wabasha SWCD will work with landowners to provide technical and financial assistance on invasive species management and restoration. Educational field days will be held and organization for community		

involvement.

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Wabasha SWCD will use funds for public benefit programs and projects designed to show results of BMP's and increase awareness of conservation and management practices. Funding could be provided by MDA, MDH, MFA or other agencies promoting BMPs.		
Activity Category	Education/Information	Capital Improvement Project?	No
Source of State Contribution	SWCD Local Capacity Funds	Estimated # of FTEs	0.2
Total Requested Biennial State Contribution	\$25,000.00	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	\$30,000.00	Action or Objective (from plan)	<p>Page 29 Soil Erosion - Objective 1: Action Item 1a: Continue to work with Wabasha County landowners, residents, and youth to provide information, education, and options to reduce soil erosion and improve water quality...</p> <p>Objective 2: Action Item 2a: Develop and send one mailing per year.... Objective 3: Action Item 3a: Educate Township and County board supervisors, County staff and landowners on Shoreland Ordinance and the importance of buffers....</p> <p>Page 31. Nutrient and Manure Management Objective 1: Educate and promote sound comprehensive nutrient management practices...</p>

			<p>Action Item 1c: Promote and market cost-share programs...Action Item 1d: educate 10 landowners per year on feedlot rules... Objective 3: Provide information and education on regulations and benefits of fertilizers and chemicals...Action Item 3b Host chemical/fertilizer applicators meeting... Page 34. SSTS/Wells/Groundwater Action Item 3c. Hold nitrate clinics and educational events... etc.</p>
<p>Describe how this activity could be accomplished in the biennium</p>	<p>Wabasha SWCD will provide programs and implement projects that will showcase benefits of BMPs in ag, forestry and aquatic practices.</p>		

<p>Water Resource Name</p>	<p>Organization Wide - Ground Water</p>		
<p>Activity Description</p>	<p>Provide technical assistance to address impairments in DWSMAs</p>		
<p>Activity Category</p>	<p>Education/Information</p>	<p>Capital Improvement Project?</p>	<p>No</p>
<p>Source of State Contribution</p>	<p>MN Dept. of Health</p>	<p>Estimated # of FTEs</p>	<p>0.11</p>
<p>Total Requested Biennial State Contribution</p>	<p>\$20,000.00</p>	<p>Estimated Number of Practices</p>	
<p>Estimated Leveraged Funds</p>	<p>\$0.00</p>	<p>Plan Type</p>	<p>County Comprehensive Local Water Management Plan (non-metro counties only)</p>
<p>Projects & Activities Budget</p>	<p>\$20,000.00</p>	<p>Action or Objective (from plan)</p>	<p>Page 33. SSTS/Wells/Groundwater - Objective 1: Wellhead Protection of public water supplies. Action Item 1b: Promote nitrogen management in conjunction with public water supplies in</p>

			vulnerable DWSMAs. This portion would be providing educational and technical assistance and BMP's would be recommended.
Describe how this activity could be accomplished in the biennium	Work with Department of Health and small municipals to assess management practices that would reduce contaminants in drinking water supplies, particularly nitrogen		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Wabasha SWCD will use cost share funds to address high priority erosion sites. Projects on HEL soils and proximity to surface water will be prioritized. Technical assistance will be provided by NRCS Area Engineers and SWCD staff with TAA and from JPB engineers to meet BWSR requirements. The practices would include ponds/structures, waterways, terrace systems, WASCOBs, cover crops, haying/grazing management and vegetative practices.		
Activity Category	Agricultural Practices	Capital Improvement Project?	No
Source of State Contribution	SWCD Local Capacity Funds	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$200,000.00	Estimated Number of Practices	18
Estimated Leveraged Funds	\$42,500.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$242,500.00	Action or Objective (from plan)	Page 29. Soil Erosion - Objective 1: Action Item 1b: Seek funding and landowner interest to install 5 seeded acres of waterways, 5 structures, 1 terrace and 3 WASCOB systems per year. Pending funding, it is estimated that 5 more structure and basin systems per each HUC12 could be installed. Action Item 1c: Seek funding to create cost share program and work with landowners to install 250 acres of contours/strip

			cropping annually.
Describe how this activity could be accomplished in the biennium	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 Wabasha SWCD Board.		

Water Resource Name	Mississippi River -Lake Pepin and tributaries		
Activity Description	Wabasha SWCD will use information gathered in previous CWF RFP and build upon measurable results and provide technical, administrative and financial assistance to landowners in Mississippi River Lake Pepin watershed and tributary areas		
Activity Category	Agricultural Practices	Capital Improvement Project?	No
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	\$25,000.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$225,000.00	Action or Objective (from plan)	Page 38. Watershed Management - Objective 1: Action Item 1c: Participate in Watershed Resource and Protection Strategies (WRAPS) projects for area within Wabasha County....
Describe how this activity could be accomplished in the biennium	Wabasha SWCD will continue to work with Goodhue SWCD on expanding projects in the targeted watershed and will install BMP's to address soil erosion and water quality.		

Water Resource Name	Gorman Creek		
Activity Description	Wabasha SWCD will use cost share to implement nonpoint reduction strategies identified in MPCA TMDL completed in 2016.		
Activity Category	Agricultural Practices	Capital Improvement Project?	No
Source of State Contribution	BWSR Clean Water Fund - Projects and Practices	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$150,000.00	Estimated Number of Practices	12

Estimated Leveraged Funds	\$32,500.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$182,500.00	Action or Objective (from plan)	Page 29. Soil Erosion - Objective 1: Provide technical and financial assistance to Wabasha County landowners who are interested in reducing erosion and sediment by implementing management practices.... and Page 38. Watershed Management - Objective 2: Protect, maintain, and expand priority natural areas for watershed health.
Describe how this activity could be accomplished in the biennium	Wabasha SWCD has identified potential projects in a targeted watershed and will install BMP's to address soil erosion and water quality.		

Water Resource Name	Organization Wide - Surface Water		
Activity Description	Erosion Control, shoreland stabilization, buffer installation, cover crops		
Activity Category	Agricultural Practices	Capital Improvement Project?	No
Source of State Contribution	SWCD State Cost-Share	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$27,722.00	Estimated Number of Practices	4
Estimated Leveraged Funds	\$6,931.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$34,653.00	Action or Objective (from plan)	Page 29. Soil Erosion: Objective 1: Provide Technical and financial assistance. ..Action Item 1b: Seek funding and landowner interest to install 5 seeded acres of waterways, 5 structures, 1 terrace and 3 WASCOB systems per year....Action

			Item 1c: Seek funding to create cost share program and work with landowners to install 250 acres of contours/strip cropping annually.
Describe how this activity could be accomplished in the biennium	Wabasha SWCD will use TAA and work with TSA staff to accomplish projects consistent with NRCS FOTG standards on EQIP projects and to provide technical and administrative assistance for cost share projects.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Upgrades to current technology and incorporation of advances into the workplace. Vehicle for growing staff. Upgrades to outdated office space.		
Activity Category	Supplies/Equipment	Capital Improvement Project?	No
Source of State Contribution	SWCD Local Capacity Funds	Estimated # of FTEs	0
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 29. Soil Erosion Objective 1: Provide technical and financial assistance to Wabasha County landowners....
Describe how this activity could be accomplished in the biennium	Purchase of portable GPS technology, upgrades to computer software, upgrades to current office computer systems and independent computer server/system from NRCS. Purchase of vehicle for growing team.		

Water Resource Name	Organization Wide - Surface Water		
Activity Description	Perform required inspections for RIM Easements		
Activity Category	Technical/Engineering Assistance	Capital Improvement Project?	No
Source of State Contribution	RIM Easement Delivery	Estimated # of FTEs	0.02
Total Requested Biennial State Contribution	\$5,500.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-

Projects & Activities Budget	\$5,500.00	Action or Objective (from plan)	metro counties only) Page 29. Soil Erosion: Objective 1: Provide technical and financial assistance to Wabasha County landowners...
Describe how this activity could be accomplished in the biennium	Wabasha SWCD staff will conduct inspections, document findings and report deficiencies to the landowner and work with them to implement corrective actions		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Conservation Delivery funds used for District Operation expenses as part of rate of Administrative Assistant and for Administrative functions of District Manager		
Activity Category	Administration/Coordination	Capital Improvement Project?	No
Source of State Contribution	SWCD Conservation Delivery	Estimated # of FTEs	2
Total Requested Biennial State Contribution	\$110,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$110,000.00	Action or Objective (from plan)	Page 29. Soil Erosion: Objective 1: Provide technical and financial assistance to Wabasha County landowners....
Describe how this activity could be accomplished in the biennium	Wabasha SWCD staff will work in partnership with local, state, and federal partners to provide technical assistance, conservation incentives, and easement opportunities to Wabasha County landowners.		

Water Resource Name	Organization Wide - Surface Water		
Activity Description	Continue work with AgCertainty program alongside MDA. Provide technical and educational assistance.		
Activity Category	Administration/Coordination	Capital Improvement Project?	No
Source of State Contribution	MN Dept. of Agriculture	Estimated # of FTEs	0.02
Total Requested Biennial State Contribution	\$6,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-

Projects & Activities Budget	\$6,000.00	Action or Objective (from plan)	metro counties only) Page 29. Soil Erosion - Objective 1: Provide technical and financial assistance to Wabasha County landowners who are interested in reducing erosion and sediment...
Describe how this activity could be accomplished in the biennium	Continue work started with pilot project. Identify resource concerns and sign up 10 landowners per year, as eligible. Staff currently works in area with JPB TSA funding and is approximately .40 FTE		