



Grant All-Detail Report

Accelerated Implementation Grant 2016

Grant Title - Mississippi River – Winona Watershed Planning Framework

Grant ID - C16-9067

Organization - Whitewater River Watershed Project

Original Awarded Amount	\$32,560.00	Grant Execution Date	5/17/2016
Required Match Amount	\$8,140.00	Original Grant End Date	12/31/2018
Required Match %	25%	Grant Day To Day Contact	Sheila Harmes
Current Awarded Amount	\$32,560.00	Current End Date	12/31/2019

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$32,560.00	\$11,807.61	\$20,752.39
Total Match Amount	\$8,140.00	\$0.00	\$8,140.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$40,700.00	\$11,807.61	\$28,892.39

*Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.

Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
ACPF tool application	Education/Information	Current State Grant	Mississippi River – Winona Watershed Planning Framework	\$19,800.00	\$9,081.00	12/14/2018	N
Map verification and landowner engagement	Planning and Assessment	Current State Grant	Mississippi River – Winona Watershed Planning Framework	\$9,800.00	\$1,457.25	12/14/2018	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Map verification and landowner engagement	Planning and Assessment	Landowner Fund	local match	\$2,340.00			Y
Map verification and landowner engagement	Planning and Assessment	Landowner Fund	local match	\$5,800.00			Y
Project administration	Administration /Coordination	Current State Grant	Mississippi River – Winona Watershed Planning Framework	\$2,960.00	\$1,269.36	12/14/2018	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
101M - Staff Time	2		30000 AC	AC

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
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Final Indicators Summary

Indicator Name	Total Value	Unit
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Description

This project will utilize a precision conservation framework to assess two small impaired agricultural watersheds (HUC12) to determine optimal locations of best management practices and structures on the landscape that will address local water quality issues in a more strategic manner. The watershed assessment process will create GIS-generated maps that will be available to local SWCD staff that will inform decision-making for interested landowners.

Creation of precision conservation framework maps will be completed by Winona County Planning Department GIS technicians under a contract with the Whitewater Joint Powers Board. GIS technicians within the Winona County Planning Department are trained on the Agricultural Conservation Planning Framework (ACPF) and have completed initial ACPF maps under another project. ACPF-generated maps will be created and GIS products will meet Winona County Planning Department standards for its GIS deliverables.

A description of the ACPF, and its potential uses will be provided on the Whitewater Watershed Project website. Whitewater Lower South Branch and Rollingstone Creek, two small (HUC-12) watersheds within the Mississippi River-Winona Watershed, have been selected as suitable watersheds to identify site-specific best management practices.

Category	EDUCATION/INFORMATION		
Start Date	19-May-16	End Date	
Has Rates and Hours?	Yes		
Actual Results	<p>2016: Continuing on ACPF mapping from previous project work, available HUC-12 agricultural watersheds were evaluated within Winona County and the Whitewater Watershed. The Agricultural Conservation Planning Framework was started for the Lower South Fork Whitewater (HUC - 0704-000-30307) and Rollingstone Creek (HUC - 0704-000-30501). Local SWCD staff provided criteria. Hydro-conditioning for these watersheds was started. Marty Mollenhauer, designated staff person trained on the ACPF process, transitioned to a GIS position in Cottonwood County. Others need to be trained before mapping continues.</p> <p>Staff time: Mollenhauer: 24 hours @ \$39.43 = \$946.32; Harmes: 12 hours @ \$44.10 = \$529.20.</p> <p>2017: Joey Nadeau, GIS analyst with Winona County, attended ACPF training at Purdue University. He started to develop individual parcel-sized maps to be used for landowner engagement. Mid-April through mid-October, Joey Nadeau left for a temporary position with the US Forest Service in Wyoming. Before his return in October, GIS staff were transitioned from the County's Planning and Environmental Services to the IT Department. A new GIS technician, Blake Lea, was hired to provide in-house mapping support to the Planning Department. He is not ACPF trained, but plans to complete the online training module early in 2018.</p> <p>Nadeau staff time: 54 hours @ \$50.46 = \$2,724.84</p> <p>2018:</p> <p>Joey Nadeau, GIS Analyst with Winona County, completed the ACPF on the Lower South Fork and Rollingstone Creek Watersheds. He also prepared individual parcel maps for parcels that had ACPF-recommended structures to be used for landowner outreach. Parcel maps were completed for the watersheds identified for this project. He also made parcel maps for the Upper South Fork watershed, a watershed completed by Marty Mollenhauer in a previous project. Joey Nadeau also presented the project work to the Whitewater JPB at one of their meetings.</p> <p>Nadeau staff time: 64 hours @ \$51.47 = \$3,294.08</p>		

Activity Action - Map development			
Practice	101M - Staff Time	Count of Activities	2
Description	Development of GIS maps using precision conservation framework to determine optimal locations for BMPs		
Proposed Size / Units	30,000.00 AC	Lifespan	Unknown
Actual Size/Units	AC	Installed Date	
Mapped Activities	No		

Grant Activity - Map verification and landowner engagement	
Description	<p>Agricultural Conservation Planning Framework(ACPF) maps will be ground-truthed and used in land management decision-making. Approximately two field days, in conjunction with local Farmer-Led Council educational efforts, will be used as outreach to landowners to solicit feedback and increase participation in map use. Surveys will also be used to solicit feedback.</p> <p>Although local SWCD staff plan to use the produced maps as an informational tool in their discussions with landowners, their staff time is not available for match for this project. Landowner time to review the maps and provide feedback will be counted as project match. This match time will be documented using sign-in sheets for field days, documented one-on-one discussions between landowners and conservation staff, and landowner responses to surveys.</p> <p>Project funds will be used for staff time to ground-truth the ACPF-generated maps, solicitation of landowners feedback, coordination of field events/meetings and meeting costs.</p>
Category	PLANNING AND ASSESSMENT
Start Date	1-Mar-18
End Date	
Has Rates and Hours?	Yes
Actual Results	<p>2017: Obtaining landowner feedback is scheduled to occur with landowner engagement portion of 319 Nitrogen Reduction grant, as there is overlap with geographic area.</p> <p>2018: Using parcel map inventory, a landowner list is being compiled for one-on-one landowner meetings.</p> <p>Harmes staff time: 29 hours @ \$50.25 = \$1,457.25</p>

Grant Activity - Project administration

Description	Administration of project activities to include tracking of grant and match expenditures, and eLINK reporting to BWSR. Sheila Harmes, Whitewater Watershed Coordinator, will be responsible for this administering this activity.		
Category	ADMINISTRATION/COORDINATION		
Start Date	19-May-16	End Date	
Has Rates and Hours?	Yes		
Actual Results	<p>2016: Secured contract between Whitewater JPB and Winona County for GIS support for grant implementation. Administered project activities, to include tracking of grant and reporting. Staff time contributing to this report: Harmes: 6 hours @ \$44.10 = \$264.60.</p> <p>2017: Coordinated training for GIS staff. Harmes staff time - 4 hours @ \$50.19 = \$200.76.</p> <p>2018: Coordinated grant extension through an amendment and coordination to have students at St Mary's complete hydrologic conditioning in additional watersheds. Administration of grant. Harmes staff time: 16 hours @ \$50.25 = \$804.00</p>		

Grant Attachments

Document Name	Document Type	Description
2016 Competitive Grant	Grant Agreement	2016 Competitive Grant - Whitewater River Watershed Project
2016 Competitive Grant amendment EXECUTED	Grant Agreement Amendment	
2016 Competitive Grant executed	Grant Agreement	2016 Competitive Grant - Whitewater River Watershed Project
Agreement for professional services	Grant	Mississippi River – Winona Watershed Planning Framework
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/07/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/24/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/23/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/07/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/26/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/01/2017

Document Name	Document Type	Description
Application	Workflow Generated	Workflow Generated - Application - 08/28/2015
Extension Request (180911)	Grant	Mississippi River – Winona Watershed Planning Framework
Field day photo	Grant	Mississippi River – Winona Watershed Planning Framework
Field day for nutrient reduction	Grant	Mississippi River – Winona Watershed Planning Framework
S Fk Whitewater and Rollingstone Creek shape files	Grant	Mississippi River – Winona Watershed Planning Framework
Unexecuted Grant Amendment	Grant Agreement Amendment	
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 12/16/2015
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/18/2016
grantmap_14767_2015-08-28_12-41-45-PM.jpg	Grant	Mississippi River – Winona Watershed Planning Framework