



Grant All-Detail Report SWCD Local Capacity Services 2016

Grant Title - 2016 - SWCD Local Capacity Services (Mille Lacs SWCD)

Grant ID - P16-2379

Organization - Mille Lacs SWCD

Original Awarded Amount	\$120,337.00	Grant Execution Date	1/27/2016
Required Match Amount	\$0.00	Original Grant End Date	12/31/2018
Required Match %	0%	Grant Day To Day Contact	Susan Shaw
Current Awarded Amount	\$120,337.00	Current End Date	7/31/2019

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$120,337.00	\$112,881.86	\$7,455.14
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$120,337.00	\$112,881.86	\$7,455.14

*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
Riparian Zone Management - 2016 Admin Assistant	Administration /Coordination	Current State Grant	2016 - SWCD Local Capacity Services (Mille Lacs SWCD)	\$34,251.81	\$34,251.81	9/24/2018	N
Riparian Zone Management - 2016 BMP Cost Share	Special Projects	Current State Grant	2016 - SWCD Local Capacity Services (Mille Lacs SWCD)	\$10,900.96	\$3,480.22	9/24/2018	N
Riparian Zone Management - 2016 Contracted Outreach Services	Education/Information	Current State Grant	2016 - SWCD Local Capacity Services (Mille Lacs SWCD)	\$4,797.75	\$4,797.75	11/30/2017	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Riparian Zone Management - 2016 Shoreland Technician	Project Development	Current State Grant	2016 - SWCD Local Capacity Services (Mille Lacs SWCD)	\$27,248.50	\$27,964.14	11/30/2017	N
Riparian Zone Management - 2016 Vehicle for increased onsite presence	Supplies/Equipment	Current State Grant	2016 - SWCD Local Capacity Services (Mille Lacs SWCD)	\$16,500.00	\$16,500.00	11/16/2016	N
Soil Erosion - 2016 Expand the No-Till Program	Supplies/Equipment	Current State Grant	2016 - SWCD Local Capacity Services (Mille Lacs SWCD)	\$26,637.98	\$25,887.94	6/6/2016	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
642 - Water Well	2	2	1 COUNT	COUNT
657 - Wetland Restoration	1	1	277 LINEAR FEET	227 LINEAR FEET
351 - Well Decommissioning	3	3	1 COUNT	1 COUNT

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
SEDIMENT (TSS)	14.88	TONS/YR
SOIL (EST. SAVINGS)	14.88	TONS/YR
PHOSPHORUS (EST. REDUCTION)	14.88	LBS/YR

Grant Activity

Grant Activity - Riparian Zone Management - 2016 Admin Assistant			
Description	Riparian Zone Management - 2016 Admin Assistant Add a 0.5 FTE administrative assistant to shift resource trained staff away from office administration to increase time available for resource implementation and outreach.		
Category	ADMINISTRATION/COORDINATION		
Start Date	1-Feb-16	End Date	31-Dec-18
Has Rates and Hours?	Yes		
Actual Results	Half time administrative assistance successfully increased time available for resource trained staff to address conservation implementation and outreach.		

Grant Activity - Riparian Zone Management - 2016 BMP Cost Share			
Description	Riparian Zone Management - 2016 BMP Cost Share Extra money to be used to install more conservation BMPs.		
Category	SPECIAL PROJECTS		
Start Date	1-Feb-16	End Date	
Has Rates and Hours?	No		
Actual Results	Projects still under development. 3 well sealings complete. 1 wetland restoration of dike.		

Activity Action - Vedders Well Sealing			
Practice	642 - Water Well	Count of Activities	2
Description	Seal two wells		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	COUNT	Installed Date	20-Nov-17
Mapped Activities	2 Point(s)		

Activity Action - Emanuel Lutheral Church well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	seal an unused well		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	28-Nov-17
Mapped Activities	1 Point(s)		

Activity Action - Klofstad Well Sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	seal an unused well		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	14-Jun-18
Mapped Activities	1 Point(s)		

Activity Action - Arlyn Wall well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	seal an unused well		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	17-Jul-18
Mapped Activities	1 Point(s)		

Activity Action - Fransen and USFW Wetland Restoration Repair			
Practice	657 - Wetland Restoration	Count of Activities	1
Description	This project assisted landowner and USFW to repair damage done to a dike built to create a wetland restoration. When water in the wetland came up in 2017 it tore lose large cattail mats that bumped into the dike and rock weir that had been created to impound water. The floating cattail mats gouged out spots on the dike and pushed the rock out of place on the weir. The damage created a gully effect that was eroding the dike and carrying sediment into the wetland. Repairs to the dike include removing the floating cat tail mats.		
Proposed Size / Units	277.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	227.00 LINEAR FEET	Installed Date	30-Jul-18
Mapped Activities	1 Polygon(s)		

Final Indicator for Fransen and USFW Wetland Restoration Repair			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	14.88
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	unnamed ditch		
Final Indicator for Fransen and USFW Wetland Restoration Repair			
Indicator Name	SEDIMENT (TSS)	Value	14.88
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	unnamed ditch		
Final Indicator for Fransen and USFW Wetland Restoration Repair			
Indicator Name	SOIL (EST. SAVINGS)	Value	14.88
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	unnamed ditch		

Grant Activity - Riparian Zone Management - 2016 Contracted Outreach Services			
Description	Riparian Zone Management - 2016 Contracted Outreach Services: Increased website/facebook presence, providing better transparency of services provided and opportunities for citizens to take action with BMPs. Journalistic services to create compelling written material for newspapers, website, facebook content or to direct mail to targeted citizens.		
Category	EDUCATION/INFORMATION		
Start Date	1-Feb-16	End Date	30-Nov-17
Has Rates and Hours?	No		
Actual Results	Website complete		

Grant Activity - Riparian Zone Management - 2016 Shoreland Technician

Description	Riparian Zone Management - 2016 Fully Fund Shoreland Technician: Will use local capacity funding to bring the shoreland and stormwater resources specialist up to a fully funded position, not through competitive grant. Activities will focus on civic engagement and organizing citizens to implement BMP projects: Meeting with City Officials in Isle, Wahkon, Onamia, Milaca and Princeton. Partnering with the Mille Lacs Lake Watershed Management Group and Mille Lacs County on a Lake Health Conference. Meeting with landowners to design and install BMPs. Youth education, resource value marketing, general BMP implementation assistance. Increase GIS technology for shoreland design.		
Category	PROJECT DEVELOPMENT		
Start Date	1-Feb-16	End Date	01-Mar-17
Has Rates and Hours?	Yes		
Actual Results	Shoreland tech was able to provide a citizen assistance for a variety of BMPs (erosion, flooding, buffers, nitrate/groundwater, rainfall monitoring, AgBMP loans, etc) as well as hosting youth education events and developing a citizen outreach initiative.		

Grant Activity - Riparian Zone Management - 2016 Vehicle for increased onsite presence

Description	Riparian Zone Management - 2016 Increased onsite presence: Purchase of a second vehicle so both the Shoreline Tech and Ag Tech can be in the field working with landowners at the same time. The current SWCD vehicle is 10 years old and the anticipated lifetime of a second vehicle will be 10 years.		
Category	SUPPLIES/EQUIPMENT		
Start Date	1-Feb-16	End Date	01-Dec-16
Has Rates and Hours?	No		
Actual Results	Second vehicle is allowing two technicians to be in the field meeting citizen resource needs.		

Grant Activity - Soil Erosion - 2016 Expand the No-Till Program

Description	Soil Erosion - 2016 Interseeder to Expand the No-Till Program: No-till increases the amount of water that infiltrates into the soil, organic matter retention and cycling of nutrients in the soil. It can reduce or eliminate soil erosion. The local availability of no-till grass and grain planting equipment is essential to no-till practice implementation. In the small farming communities of north central Minnesota, while every agricultural producer has tillage equipment on farm, it is not economically practical to invest in no-till equipment. The no-till reduced tillage initiative seeks to purchase a new seeder to enhance the implementation of reduced tillage practices to improve local water quality.		
Category	SUPPLIES/EQUIPMENT		
Start Date	1-Feb-16	End Date	31-May-16
Has Rates and Hours?	No		
Actual Results	A Truax FlexII 816 no-till drill was delivered on May 18th. Since the purchase of the drill during the summer of 2016, the drill has been rented out a total of 9 times. The drill has been rented out 2 times in Mille Lacs county and 7 times out of Mille Lacs County. A total of 225 acres have been planted with the Truax drill with a majority of the acres being native grass plantings. 2017 - the Truax was rented 18 times and planted 253 acres. 2018 - the Truax was rented 21 times and planted 408 acres.		

Grant Attachments

Document Name	Document Type	Description
2016 Capacity Expenditures	Grant	2016 - SWCD Local Capacity Services (Mille Lacs SWCD)
2016 SWCD Local Capacity Amendment	Grant Agreement Amendment	
2016 SWCD Local Capacity Services	Grant Agreement	2016 SWCD Local Capacity Services - Mille Lacs SWCD
2016 SWCD Local Capacity Services executed	Grant Agreement	2016 SWCD Local Capacity Services - Mille Lacs SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/30/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/29/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/04/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/15/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/30/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/21/2018
Amendment executed	Grant Agreement	2016 SWCD Local Capacity Services - Mille Lacs SWCD

Document Name	Document Type	Description
FY 16 Local capacity extension amendment	Grant Agreement Amendment	
P16-2379 Reconciliation Checklist	Journal	Journal Dated - 07/05/2017
SWCD Capacity Amendment - Mille Lacs SWCD.docx	Grant	2016 - SWCD Local Capacity Services (Mille Lacs SWCD)
SWCD Signed Extension Document	Grant	2016 - SWCD Local Capacity Services (Mille Lacs SWCD)
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/19/2018
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 12/20/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 07/15/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 11/30/2015
financial statement-07.03.2017	Grant	2016 - SWCD Local Capacity Services (Mille Lacs SWCD)