



Grant All-Detail Report SWCD Local Capacity Services 2017

Grant Title - 2017 - SWCD Local Capacity Services (Chisago SWCD)

Grant ID - P17-6989

Organization - Chisago SWCD

Original Awarded Amount	\$137,500.00	Grant Execution Date	2/2/2017
Required Match Amount	\$0.00	Original Grant End Date	12/31/2019
Required Match %	0%	Grant Day To Day Contact	Craig Mell
Current Awarded Amount	\$137,500.00	Current End Date	12/31/2019

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$137,500.00	\$137,500.00	\$0.00
Total Match Amount	\$32,179.65	\$32,179.65	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$169,679.65	\$169,679.65	\$0.00

**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
Soil Erosion - 2017 Cost Share/Incentive Urban BMPs	Urban Stormwater Management Practices	Current State Grant	2017 - SWCD Local Capacity Services (Chisago SWCD)	\$5,205.65	\$5,205.65	11/13/2018	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Soil Erosion - 2017 Cost Share/Incentive Urban BMPs	Urban Stormwater Management Practices	Other Funds	2015 - Targeted Watershed (Chisago SWCD)	\$0.00			N
Soil Erosion - 2017 Education/Information	Education/Information	Local Fund	Chisago County	\$5,000.00	\$5,000.00	10/8/2018	Y
Soil Erosion - 2017 Equipment	Supplies/Equipment	Current State Grant	2017 - SWCD Local Capacity Services (Chisago SWCD)	\$20,000.00	\$20,000.00	6/5/2018	N
Soil Erosion - 2017 Equipment	Supplies/Equipment	Local Fund	Chisago County	\$5,000.00	\$4,691.55	6/5/2018	Y
Soil Erosion - 2017 Project Development	Project Development	Local Fund	Chisago County	\$20,000.00	\$20,308.45	10/8/2018	Y
Soil Erosion - 2017 Technical/Engineering Assistance	Technical/Engineering Assistance	Current State Grant	2017 - SWCD Local Capacity Services (Chisago SWCD)	\$87,500.00	\$86,857.00	10/8/2018	N
Soil Erosion - 2017 Administration	Administration/Coordination	Current State Grant	2017 - SWCD Local Capacity Services (Chisago SWCD)	\$10,000.00	\$10,643.00	4/11/2018	N
Soil Erosion - 2017 Cost Share/Incentive Ag BMPs	Agricultural Practices	Current State Grant	2017 - SWCD Local Capacity Services (Chisago SWCD)	\$14,794.35	\$14,794.35	11/14/2017	N
Soil Erosion - 2017 Cost Share/Incentive Ag BMPs	Agricultural Practices	Landowner Fund	Landowner Responsibility	\$1,679.65	\$1,679.65	7/18/2017	Y
Soil Erosion - 2017 Cost Share/Incentive Ag BMPs	Agricultural Practices	Local Fund	SWCD Cost Share	\$500.00	\$500.00	7/18/2017	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
468 - Lined Waterway or Outlet	1	1	1 COUNT	1 COUNT
412 - Grassed Waterway and Swales	1	1	524 LINEAR FEET	535 LINEAR FEET

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)	35.49	TONS/YR
SOIL (EST. SAVINGS)	35.49	TONS/YR
PHOSPHORUS (EST. REDUCTION)	35.49	LBS/YR

Grant Activity

Grant Activity - Soil Erosion - 2017 Cost Share/Incentive Urban BMPs

Description	<p>Chisago County Local Water Management Plan, page 58, number 1 states, "Implement projects that will help meet the goals of the Lake St. Croix TMDL watershed implementation plan. Actively market local/state/federal conservation programs which provide incentives to landowners to stabilize erosion concerns.</p> <p>Chisago County Local Water Management Plan, page 63, number 24 states, "Implement agricultural best management practices for soil health that increase crop productivity and profitability while improving the environment. Best management practices include: cover crops, reduced tillage practices, conservation crop rotation, nutrient and pest management, and rotational grazing.</p> <p>The Chisago SWCD will use these cost share funds to install BMPs, promote soil health programs, and native grass/pollinator plantings in areas of the County where we currently do not have other state/local cost share programs</p>		
Category	URBAN STORMWATER MANAGEMENT PRACTICES		
Start Date	11-Sep-18	End Date	13-Nov-18
Has Rates and Hours?	No		
Actual Results	<p>Nothing to report at this time.</p> <p>Work plan amendment: The budget was reduced in the cost share categories and the technical in order to increase the budget in the administrative category and to purchase a new vehicle (equipment category).</p> <p>As of January 8, 2019 Funds in the amount of \$5,205.65 were used towards the Center City Lakefront Rain Garden project. This project also had \$1,342.35 of FY15 Targeted Watershed program funds and \$3,000 of Chisago Lakes LID match funds. The pollution reduction values and practice mapping for this project are completed under the Targeted Watershed grant.</p>		

Grant Activity - Soil Erosion - 2017 Education/Information

<p>Description</p>	<p>Chisago County Local Water Management Plan, page 58, number 1 states, "Implement projects that will help meet the goals of the Lake St. Croix TMDL watershed implementation plan. Actively market local/state/federal conservation programs which provide incentives to landowners to stabilize erosion concerns.</p> <p>Chisago County Local Water Management Plan, page 63, number 24 states, "Implement agricultural best management practices for soil health that increase crop productivity and profitability while improving the environment. Best management practices include: cover crops, reduced tillage practices, conservation crop rotation, nutrient and pest management, and rotational grazing.</p> <p>The Chisago SWCD will use these funds for education and outreach programs in Chisago County, geared towards soil health programs and native grass plantings.</p>		
<p>Category</p>	<p>EDUCATION/INFORMATION</p>		
<p>Start Date</p>	<p>2-May-17</p>	<p>End Date</p>	<p>10-Jan-19</p>
<p>Has Rates and Hours?</p>	<p>Yes</p>		
<p>Actual Results</p>	<p>As of January 4, 2018 Funds were used for preparation for the Children's Water Festival, which hosts 700 fifth grade students for a day to learn about water quality and issues.</p> <p>As of January 10, 2019 Funds were used to coordinate and host the Children's Water Festival for 2018. Over 700 fifth grade students from Chisago County spend the day learning about various aspects of water quality.</p>		

Grant Activity - Soil Erosion - 2017 Equipment

Description	The Chisago SWCD will use these funds to purchase office and field equipment, such as computers, tablets, and general field equipment, as well as a new car (the third vehicle for the SWCD).		
Category	SUPPLIES/EQUIPMENT		
Start Date	1-May-17	End Date	05-Jun-18
Has Rates and Hours?	No		
Actual Results	<p>As of January 4, 2018 Monitoring was conducted on County Ditches 2, 3, and Beaver Creek from May to October.</p> <p>Work plan amendment: The Chisago SWCD Board approved the budget on January 9, 2018, which included moving funds within the FY17 SWCD Local Capacity Services grant to purchase a new vehicle. The vehicle is needed due to the fact that NRCS recently sold one of the two NRCS vehicles that they had at our office, this left us with two SWCD and one NRCS vehicles for eight SWCD and NRCS staff. The SWCD will be using these funds to purchase an additional vehicle giving the SWCD three total work vehicles.</p> <p>As of January 10, 2019 The new car was purchased in June.</p>		

Grant Activity - Soil Erosion - 2017 Project Development

Description

Chisago County Local Water Management Plan, page 58, number 1 states, "Implement projects that will help meet the goals of the Lake St. Croix TMDL watershed implementation plan. Actively market local/state/federal conservation programs which provide incentives to landowners to stabilize erosion concerns.

Chisago County Local Water Management Plan, page 63, number 24 states, "Implement agricultural best management practices for soil health that increase crop productivity and profitability while improving the environment. Best management practices include: cover crops, reduced tillage practices, conservation crop rotation, nutrient and pest management, and rotational grazing.

The Chisago SWCD will use these funds to contact potential project partners, meet on site with landowners to discuss potential projects or incentives, and to complete local mailing about high priority projects.

Category

PROJECT DEVELOPMENT

Start Date

4-Apr-17

End Date

11-Sep-18

Has Rates and Hours?

Yes

Actual Results

As of January 4, 2018

Project development activities for Cramaur Farms and Bob Johnson projects, as well as general outreach and education.

As of January 10, 2019

Project development was completed for the urban project in the City of Center City.

Grant Activity - Soil Erosion - 2017 Technical/Engineering Assistance

<p>Description</p>	<p>Chisago County Local Water Management Plan, page 58, number 1 states, "Implement projects that will help meet the goals of the Lake St. Croix TMDL watershed implementation plan. Actively market local/state/federal conservation programs which provide incentives to landowners to stabilize erosion concerns.</p> <p>Chisago County Local Water Management Plan, page 63, number 24 states, "Implement agricultural best management practices for soil health that increase crop productivity and profitability while improving the environment. Best management practices include: cover crops, reduced tillage practices, conservation crop rotation, nutrient and pest management, and rotational grazing.</p> <p>The Chisago SWCD will use these funds for technical and engineering work to install BMPs and promote soil health programs and native grass/pollinator plantings in areas of the County where we currently do not have other state/local cost share programs:</p>		
<p>Category</p>	<p>TECHNICAL/ENGINEERING ASSISTANCE</p>		
<p>Start Date</p>	<p>4-Apr-17</p>	<p>End Date</p>	<p>11-Sep-18</p>
<p>Has Rates and Hours?</p>	<p>Yes</p>		
<p>Actual Results</p>	<p>As of January 4, 2018 Project survey and design completed for Cramaur Farms and Bob Johnson projects.</p> <p>Work plan amendment: The budget was reduced in the cost share categories and the technical in order to increase the budget in the administrative category and to purchase a new vehicle (equipment category).</p> <p>As of January 10, 2019 Technical assistance was used to design the project at the City of Center City and to oversee installation and certification of the project.</p>		

Grant Activity - Soil Erosion - 2017 Administration

<p>Description</p>	<p>Soil Erosion - 2017 Administration</p> <p>Chisago County Local Water Management Plan, page 58, number 1 states, "Implement projects that will help meet the goals of the Lake St. Croix TMDL watershed implementation plan. Actively market local/state/federal conservation programs which provide incentives to landowners to stabilize erosion concerns.</p> <p>Chisago County Local Water Management Plan, page 63, number 24 states, "Implement agricultural best management practices for soil health that increase crop productivity and profitability while improving the environment. Best management practices include: cover crops, reduced tillage practices, conservation crop rotation, nutrient and pest management, and rotational grazing.</p> <p>The Chisago SWCD will use these funds for administrative tasks such as creating contracts, updating eLINK, attending board meetings, etc. These funds will only be spent for administration of this grant and associated activities.</p>		
<p>Category</p>	<p>ADMINISTRATION/COORDINATION</p>		
<p>Start Date</p>	<p>4-Apr-17</p>	<p>End Date</p>	<p>02-Jan-18</p>
<p>Has Rates and Hours?</p>	<p>Yes</p>		
<p>Actual Results</p>	<p>Administrative activities included preparing for and attending Board meetings, preparing and executing contracts and payment vouchers, updating eLINK, and keeping project logs up to date. Funds will be utilized from another category to cover the overage in Administration spending.</p> <p>Work plan amendment: The budget was reduced in the cost share categories and the technical in order to increase the budget in the administrative category and to purchase a new vehicle (equipment category).</p>		

Grant Activity - Soil Erosion - 2017 Cost Share/Incentive Ag BMPs

<p>Description</p>	<p>Chisago County Local Water Management Plan, page 58, number 1 states, "Implement projects that will help meet the goals of the Lake St. Croix TMDL watershed implementation plan. Actively market local/state/federal conservation programs which provide incentives to landowners to stabilize erosion concerns.</p> <p>Chisago County Local Water Management Plan, page 63, number 24 states, "Implement agricultural best management practices for soil health that increase crop productivity and profitability while improving the environment. Best management practices include: cover crops, reduced tillage practices, conservation crop rotation, nutrient and pest management, and rotational grazing.</p> <p>The Chisago SWCD will use these cost share funds to install BMPs, promote soil health programs, and native grass/pollinator plantings in areas of the County where we currently do not have other state/local cost share programs</p>		
<p>Category</p>	<p>AGRICULTURAL PRACTICES</p>		
<p>Start Date</p>	<p>1-May-17</p>	<p>End Date</p>	<p>18-Jul-17</p>
<p>Has Rates and Hours?</p>	<p>No</p>		
<p>Actual Results</p>	<p>As of July 19, 2017 The grassed waterway project is complete and has been certified at Cramaur Farms.</p> <p>As of January 4, 2018 The lined waterway was completed at Bob Johnsons. The project was certified and reimbursement was issued.</p> <p>Work plan amendment: The budget was reduced in the cost share categories and the technical in order to increase the budget in the administrative category and to purchase a new vehicle (equipment category).</p>		

Activity Action - Cramaur Farms			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description			
Proposed Size / Units	524.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	535.00 LINEAR FEET	Installed Date	5-May-17
Mapped Activities	1 Polygon(s)		

Final Indicator for Cramaur Farms			
Indicator Name	SOIL (EST. SAVINGS)	Value	22.74
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Rush Creek		

Final Indicator for Cramaur Farms			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	22.74
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Rush Creek		

Final Indicator for Cramaur Farms			
Indicator Name	SEDIMENT (TSS)	Value	22.74
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Rush Creek		

Activity Action - Bob Johnson			
Practice	468 - Lined Waterway or Outlet	Count of Activities	1
Description			
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	9-Oct-17
Mapped Activities	1 Line(s)		

Final Indicator for Bob Johnson			
Indicator Name	SEDIMENT (TSS)	Value	12.75
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Coleen Lake		

Final Indicator for Bob Johnson			
Indicator Name	SOIL (EST. SAVINGS)	Value	12.75
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Coleen Lake		
Final Indicator for Bob Johnson			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	12.75
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Coleen Lake		

Grant Attachments

Document Name	Document Type	Description
2017 SWCD Local Capacity Services	Grant Agreement	2017 SWCD Local Capacity Services - Chisago SWCD
2017 SWCD Local Capacity Services executed	Grant Agreement	2017 SWCD Local Capacity Services - Chisago SWCD
2018-01-12 Request to Revise Wrok Plan	Journal	Journal Dated - 01/16/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 07/02/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/04/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/16/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/10/2019
BC_Work Plan comments02-01-2017	Journal	Journal Dated - 02/01/2017
Bob Johnson Project	Grant	2017 - SWCD Local Capacity Services (Chisago SWCD)
Chisago County 2016 vs 2017 Chisago SWCD Budget Breakdown	Grant	2017 - SWCD Local Capacity Services (Chisago SWCD)
Co Match Documentation	Grant	2017 - SWCD Local Capacity Services (Chisago SWCD)
Cramaur Farms Project	Grant	2017 - SWCD Local Capacity Services (Chisago SWCD)
Final Financial Report	Grant	2017 - SWCD Local Capacity Services (Chisago SWCD)
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/01/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/22/2018
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/16/2018
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/05/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/19/2018