



Grant All-Detail Report SWCD Local Capacity Services 2018

Grant Title - 2018 - SWCD Local Capacity Services (Chisago SWCD)

Grant ID - P18-8315

Organization - Chisago SWCD

Original Awarded Amount	\$131,500.00	Grant Execution Date	9/28/2017
Required Match Amount	\$0.00	Original Grant End Date	12/31/2020
Required Match %	0%	Grant Day To Day Contact	Craig Mell
Current Awarded Amount	\$131,500.00	Current End Date	12/31/2020

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$131,500.00	\$131,500.00	\$0.00
Total Match Amount	\$18,000.00	\$10,531.93	\$7,468.07
Total Other Funds	\$7,000.00	\$7,000.00	\$0.00
Total	\$156,500.00	\$149,031.93	\$7,468.07

*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 - 2018 Administration	Administration /Coordination	Current State Grant	2018 - SWCD Local Capacity Services (Chisago SWCD)	\$12,800.00	\$12,800.00	10/14/2019	N
Soil Erosion - 2018 Cost Share/Incentives Ag BMPs	Agricultural Practices	Current State Grant	2018 - SWCD Local Capacity Services (Chisago SWCD)	\$12,828.07	\$12,828.07	6/5/2019	N
Soil Erosion - 2018 Cost Share/Incentives Ag BMPs	Agricultural Practices	Federal Funds	EQIP	\$18,000.00	\$10,531.93	6/5/2019	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Soil Erosion - 2018 Technical/Engineering Assistance	Technical/Engineering Assistance	Current State Grant	2018 - SWCD Local Capacity Services (Chisago SWCD)	\$101,725.93	\$101,725.93	5/14/2020	N
Water Storage and Treatment - 2018 Cost Share Incentives Urban BMPs	Urban Stormwater Management Practices	Current State Grant	2018 - SWCD Local Capacity Services (Chisago SWCD)	\$4,146.00	\$4,146.00	10/8/2019	N
Water Storage and Treatment - 2018 Cost Share Incentives Urban BMPs	Urban Stormwater Management Practices	Federal Funds	SCRA 319	\$7,000.00	\$7,000.00	10/8/2019	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
712M - Bioretention Basin	1	1	55 LINEAR FEET	55 LINEAR FEET
638 - Water and Sediment Control Basin	1	1	445 LINEAR FEET	448 LINEAR FEET
638 - Water and Sediment Control Basin	1	1	220 LINEAR FEET	244 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
SOIL (EST. SAVINGS)	17.83	TONS/YR

SEDIMENT (TSS)	95.97	TONS/YR
VOLUME REDUCED (ACRE-FEET/YEAR)	0.20	ACRE-FEET/YR
PHOSPHORUS (EST. REDUCTION)	14.70	LBS/YR

Grant Activity

Grant Activity - Soil Erosion - 2018 Administration			
Description	<p>Soil Erosion - 2018 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>		
Category	ADMINISTRATION/COORDINATION		
Start Date	1-Feb-18	End Date	15-Oct-19
Has Rates and Hours?	Yes		
Actual Results	<p>As of February 23, 2018 Per work plan amendment, the amount was increased from \$5,000 to \$10,000.</p> <p>As of January 10, 2019 Administrative activities include tracking expenditures and completing eLINK reporting.</p> <p>As of October 15, 2019 Administrative activities include tracking expenditures and completing eLINK reporting.</p>		

Grant Activity - Soil Erosion - 2018 Cost Share/Incentives Ag BMPs

<p>Description</p>	<p>Soil Erosion - 2018 Cost Share/Incentives Ag BMPs</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 cost share programs</p>		
<p>Category</p>	<p>AGRICULTURAL PRACTICES</p>		
<p>Start Date</p>	<p>10-Apr-18</p>	<p>End Date</p>	<p>14-May-20</p>
<p>Has Rates and Hours?</p>	<p>No</p>		
<p>Actual Results</p>	<p>As of January 10, 2019 A water and sediment control basin was installed to stop field erosion. The project was designed by Shane Hultman of the Chisago SWCD and reviewed by Marvin Kunkel of NRCS. Project was completed on June 1, 2018.</p> <p>As of October 15, 2019 On the Waletzko Brother's project a WASCOD was installed in the corner of an eroding field to repair an actively eroding gully and stabilize an old one off the field edge in the woods. This project reduces sheet and rill erosion as well as stops gully erosion.</p> <p>As of December 31, 2019 The Cramaur farms project was scheduled to start in the fall but because of weather conditions could not be completed. Will be completed in 2020.</p> <p>As of May 14, 2020 Cramaur Farms project was canceled due to schedule and budget changes</p>		

Activity Action - LC 18-1 Rick Prah			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	WASCOB		
Proposed Size / Units	445.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	448.00 LINEAR FEET	Installed Date	1-Jun-18
Mapped Activities	1 Point(s)	Technical Assistance Provider	

Final Indicator for LC 18-1 Rick Prah			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	5.27
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Moody Lake		
Final Indicator for LC 18-1 Rick Prah			
Indicator Name	SOIL (EST. SAVINGS)	Value	4.53
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Moody Lake		
Final Indicator for LC 18-1 Rick Prah			
Indicator Name	SEDIMENT (TSS)	Value	4.53
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Moody Lake		

Activity Action - LC 18-2 Waletzko Brothers			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	Grassed berm between 4 and 6FT tall		
Proposed Size / Units	220.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	244.00 LINEAR FEET	Installed Date	5-Jun-19
Mapped Activities	1 Point(s)	Technical Assistance Provider	

Final Indicator for LC 18-2 Waletzko Brothers			
Indicator Name	SOIL (EST. SAVINGS)	Value	2.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	RUSLE2 (UPDATED)
Waterbody	St.Croix River		
Final Indicator for LC 18-2 Waletzko Brothers			
Indicator Name	SEDIMENT (TSS)	Value	5.438

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	RUSLE2 (UPDATED)
Waterbody	St.Croix River		
Final Indicator for LC 18-2 Waletzko Brothers			
Indicator Name	SEDIMENT (TSS)	Value	11
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	St.Croix River		
Final Indicator for LC 18-2 Waletzko Brothers			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	9.35
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	St.Croix River		
Final Indicator for LC 18-2 Waletzko Brothers			
Indicator Name	SOIL (EST. SAVINGS)	Value	11
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	St.Croix River		

Grant Activity - Soil Erosion - 2018 Technical/Engineering Assistance

<p>Description</p>	<p>Soil Erosion - 2018 Technical/Engineering Assistance</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 to correct erosion issues, promote soil health programs, and native grass/pollinator plantings in areas of the County where we currently do not have adequate local or state incentive programs available.</p>		
<p>Category</p>	<p>TECHNICAL/ENGINEERING ASSISTANCE</p>		
<p>Start Date</p>	<p>1-Feb-18</p>	<p>End Date</p>	<p>14-May-20</p>
<p>Has Rates and Hours?</p>	<p>Yes</p>		
<p>Actual Results</p>	<p>As of February 23,2018 Per work plan amendment, the amount was increased from \$45,000 to \$71,500. Additional funds will be used to work on wetland restoration program, county noxious weed plan program, and native pollinator planting program.</p> <p>As of January 10, 2019 Technical assistance was used to develop, design, and oversee construction on the Rick Prah project. An UTV was rented to aid field staff in conducting field surveys over large areas in a shorter amount of time.</p> <p>As of October 15, 2019 Technical assistance was used to develop, design, and oversee construction of the Sausen and Waletzko projects.</p> <p>As of December 31, 2019 No staff time used after October but UTV rental paid for staff to survey future projects. Rest will be used to complete Cramaur Farms project.</p> <p>As of May 14, 2020 Technical assistance was used to develop and design urban and ag project, and provide general technical assistance to</p>		

landowners interested in conservation.

Grant Activity - Water Storage and Treatment - 2018 Cost Share Incentives Urban BMPs

Description	<p>Water Storage and Treatment - 2018 Cost Share Incentives Urban BMPs</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 to install BMPs to correct erosion issues, promote soil health programs, and native grass/pollinator plantings in areas of the County where we currently do not have adequate local or state incentive programs available.</p>		
Category	URBAN STORMWATER MANAGEMENT PRACTICES		
Start Date	4-Sep-19	End Date	08-Oct-19
Has Rates and Hours?	No		
Actual Results	<p>As of January 10, 2018 No projects have been done to this point.</p> <p>As of October 15, 2019 A rain garden at Joe Sausen's was installed using a combination of state and federal funds.</p>		

Activity Action - LC 18-4 Sausen			
Practice	712M - Bioretention Basin	Count of Activities	1
Description	Curbside raingarden with rock swale leading to stream		
Proposed Size / Units	55.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	55.00 LINEAR FEET	Installed Date	30-Sep-19
Mapped Activities	1 Point(s)	Technical Assistance Provider	

Final Indicator for LC 18-4 Sausen			
Indicator Name	SEDIMENT (TSS)	Value	75
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	MIDS
Waterbody	N. Branch Sunrise River		
Final Indicator for LC 18-4 Sausen			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	0.08
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	MIDS
Waterbody	N. Branch Sunrise River		
Final Indicator for LC 18-4 Sausen			
Indicator Name	VOLUME REDUCED (ACRE-FEET/YEAR)	Value	0.20
Indicator Subcategory/Units	STORMWATER MANAGEMENT ACRE-FEET/YR	Calculation Tool	MIDS
Waterbody	N. Branch Sunrise River		

Grant Attachments

Document Name	Document Type	Description
2018 SWCD Capacity Amendment EXECUTED- Chisago SWCD	Grant	2018 - SWCD Local Capacity Services (Chisago SWCD)
2018 SWCD Capacity Amendment UNEXECUTED - Chisago SWCD	Grant	2018 - SWCD Local Capacity Services (Chisago SWCD)
2018/2019 Programs and Operations Grants	Grant Agreement	2018/2019 SWCD Programs and Operations Grants - Chisago SWCD
2018/2019 Programs and Operations Grants executed	Grant Agreement	2018/2019 SWCD Programs and Operations Grants - Chisago SWCD
2018_County Board Budget Resolution	Journal	Journal Dated - 01/03/2018
2018_County_Budget-RPT	Journal	Journal Dated - 01/03/2018
2019-04-10 Request to revise workplan	Journal	Journal Dated - 04/10/2019
2019-10-14 Request for work plan revision	Journal	Journal Dated - 10/14/2019

Document Name	Document Type	Description
2020-05-13 Work Plan Revision Request	Journal	Journal Dated - 05/13/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 05/19/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 05/14/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 05/19/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/10/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/10/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 05/14/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/04/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/08/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 05/13/2020
County_Adm_Budget-Itr	Journal	Journal Dated - 01/03/2018
Final Financial Report	Grant	2018 - SWCD Local Capacity Services (Chisago SWCD)
Guidance on UTV Rental Expense	Journal	Journal Dated - 09/04/2018
LC 18-1 Rick Prah	Grant	2018 - SWCD Local Capacity Services (Chisago SWCD)
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 05/13/2020
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 09/27/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 09/27/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 04/10/2019
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/21/2018
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 10/14/2019
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 08/31/2017