



Grant All-Detail Report SWCD Local Capacity Services 2016

Grant Title - 2016 - SWCD Local Capacity Services (Hubbard SWCD)

Grant ID - P16-8826

Organization - Hubbard SWCD

Original Awarded Amount	\$115,337.00	Grant Execution Date	2/16/2016
Required Match Amount	\$0.00	Original Grant End Date	12/31/2018
Required Match %	0%	Grant Day To Day Contact	Julie Kingsley
Current Awarded Amount	\$115,337.00	Current End Date	12/31/2018

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$115,337.00	\$115,337.00	\$0.00
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$115,337.00	\$115,337.00	\$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
Excess Nutrient - 2016 shared Irrigation Scheduler position with Hubbard, Wadena & E.Ottertail	Technical/Engineering Assistance	Current State Grant	2016 - SWCD Local Capacity Services (Hubbard SWCD)	\$5,000.00	\$5,000.00	4/13/2016	N
Riparian Zone Management - 2016 Cost Share funding for shoreland protection and erosion control	Streambank or Shoreline Protection	Current State Grant	2016 - SWCD Local Capacity Services (Hubbard SWCD)	\$10,377.00	\$10,377.00	4/11/2017	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Riparian Zone Management - 2016 Equipment	Supplies/Equipment	Current State Grant	2016 - SWCD Local Capacity Services (Hubbard SWCD)	\$11,500.00	\$11,500.00	1/8/2019	N
Riparian Zone Management - 2016 Geologic Atlas	Inventory/Mapping	Current State Grant	2016 - SWCD Local Capacity Services (Hubbard SWCD)	\$3,000.00	\$2,690.67	12/28/2016	N
Riparian Zone Management - 2016 Hydrolab equipment purchase	Monitoring/Data Collection	Current State Grant	2016 - SWCD Local Capacity Services (Hubbard SWCD)	\$12,000.00	\$5,623.14	9/25/2018	N
Riparian Zone Management 2016 new Technician position	Technical/Engineering Assistance	Current State Grant	2016 - SWCD Local Capacity Services (Hubbard SWCD)	\$57,000.00	\$57,000.00	12/29/2017	N
Soil Erosion - 2016 increased office rent	Administration/Coordination	Current State Grant	2016 - SWCD Local Capacity Services (Hubbard SWCD)	\$12,960.00	\$20,347.87	1/8/2019	N
Soil Erosion - 2016 shared grant match for Pollinator and tree plantings in irrigation corners	Wind Erosion	Current State Grant	2016 - SWCD Local Capacity Services (Hubbard SWCD)	\$3,500.00	\$2,798.32	9/25/2018	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
580 - Streambank and Shoreline Protection	1	1	200 LINEAR FEET	150 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)	6.80	TONS/YR
Total Suspended Solids (TSS)	6.80	Mg/L

PHOSPHORUS (EST. REDUCTION)	5.78	LBS/YR
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Grant Activity

Grant Activity - Excess Nutrient - 2016 shared Irrigation Scheduler position with Hubbard, Wadena & E.Ottertail			
Description	<p>Excess Nutrients -2016 continue shared Irrigation Scheduler Management position between Wadena, Hubbard and East Ottertail Counties.</p> <p>Comprehensive Local Water Management Plan</p> <p>Funds are for continuation of a shared Irrigation Scheduler Management position with Hubbard, Wadena, and Todd Counties to enroll irrigators in water conservation and nutrient management practices, to prevent crop loss due to insufficient moisture, prevent ground water contamination due to over application of water and leaching of nutrients.</p>		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	19-Feb-16	End Date	31-Dec-18
Has Rates and Hours?	No		
Actual Results	Shared Irrigation Specialist position for Hubbard, Wadena and East Ottertail was spent by Dec. 30, 2016. He served two producers and 7 fields.		

Grant Activity - Riparian Zone Management - 2016 Cost Share funding for shoreland protection and erosion control

Description	Riparian Zone management- 2016 Cost Share implementation for shoreland erosion projects		
	County Comprehensive Local Water Management Plan		
	Additional Funds will be used to expand the number of Cost Share projects installed within Hubbard County for shore land protection and to prevent erosion.		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	19-Feb-16	End Date	28-Apr-17
Has Rates and Hours?	Yes		
Actual Results	Additional funding for Cost Share projects. Completed Thesing and Crist cost share project of the Fredman Group cost share program of rip rap for shoreland stabilization on Long Lake which also includes Technical and Administrative costs. This project protected 150 linear feet of shoreline. Sediment TSS saved 6.80 T/yr; Soil (estimated savings of 6.80 T/year; Phosphorus (est. reduction) of 5.78 lbs/year.		

Activity Action - Fredman Group shoreland rip rap			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Fredman Group Cost Share for riprap on shoreline of Long Lake on 3 contiguous landowners properties. Each landowner had approximately 50 feet of shoreline stabilized and protected		
Proposed Size / Units	200.00 LINEAR FEET	Lifespan	15 Years
Actual Size/Units	150.00 LINEAR FEET	Installed Date	7-Mar-17
Mapped Activities	1 Line(s)		

Final Indicator for Fredman Group shoreland rip rap			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	5.78
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Long Lake #29016100		

Final Indicator for Fredman Group shoreland rip rap			
Indicator Name	Total Suspended Solids (TSS)	Value	6.8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	BWSR CALC (STREAM & DITCH

			STABILIZATION)
Waterbody	Long Lake #29016100		
Final Indicator for Fredman Group shoreland rip rap			
Indicator Name	SOIL (EST. SAVINGS)	Value	6.80
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	FLEVAL
Waterbody	Long Lake #29016100		

Grant Activity - Riparian Zone Management - 2016 Equipment			
Description	<p>Riparian Zone Management - Equipment purchase</p> <p>County Comprehensive Local Water Management Plan</p> <p>Funds will be used to purchase two new updated computers. One desk top model for Administrative Assistant to replace five year old model that is at memory capacity and one computer with 4G for GIS mapping capabilities in real time, for taking in the field for data collection and evaluation.</p>		
Category	SUPPLIES/EQUIPMENT		
Start Date	16-Feb-16	End Date	31-Dec-18
Has Rates and Hours?	Yes		
Actual Results	<p>Purchased a new laptop computer for the seasonal part time technician, a new monitor for the WQR Specialist, office chairs, an additional phone line was added, a new website was created, 12 Signs were purchased for Water Quality projects, SWCD cell phone and minutes were purchased. A table and canopy for presentations along with banners on Watersheds, Hubbard SWCD identification , education brochures for Forestry, SWCD, repair TrafX dock, Shelving units, desk top printer, wall screen, lab equipment, D net for invertebrates and a camera carrying case were purchased.</p>		

Grant Activity - Riparian Zone Management - 2016 Geologic Atlas

Description	<p>Riparian Zone Management - 2016 Geologic Atlas</p> <p>Comprehensive Local Water Management Plan</p> <p>Funding will provide part time SWCD staff to complete Hubbard County's inventory and GPS location of private water wells for the Geologic Atlas in cooperation with the University of Minnesota and MN DNR.</p>		
Category	INVENTORY/MAPPING		
Start Date	19-Feb-16	End Date	29-Apr-16
Has Rates and Hours?	Yes		
Actual Results	Verified by computer and map analysis of Hubbard County well logs of private wells. Site visits and Ground truthed and GPS located 180 questionable well site locations to confirm locations for the Geologic Atlas. Finished the project in April 2016.		

Grant Activity - Riparian Zone Management - 2016 Hydrolab equipment purchase

Description	<p>Riparian Zone Management - Hydro Lab equipment</p> <p>Comprehensive Local Water Management Plan</p> <p>Funds will be used to purchase a new Hydro Lab water monitoring equipment for Hubbard SWCD to replace the 2008 model that is failing. This equipment will be used to monitor area lakes that do not have ten years of data to determine lake trends as specified in the Leech Lake River, Mississippi River Headwaters and Crow Wing River WRAP's, continue evaluation on lakes experiencing declining trends, monitor lakes that have had riparian management projects to evaluate the projects success.</p>		
Category	MONITORING/DATA COLLECTION		
Start Date	16-Feb-16	End Date	31-Dec-18
Has Rates and Hours?	Yes		
Actual Results	The Hydrolab sonde was repaired instead of buying a new one. A new Hydrolab tablet was purchased to run the water quality testing.		

Grant Activity - Riparian Zone Management 2016 new Technician position

Description	Riparian Zone Management - 2016 new Technician position		
	County Comprehensive Local Water Management Plan		
	Funds will be used to hire a new Technician position that is qualified, full time, SWCD Staff person with technical certifications to work with landowners to implement conservation practices on property within Hubbard County for both riparian and soil programs.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	16-Feb-16	End Date	29-Jun-17
Has Rates and Hours?	Yes		
Actual Results	A full time Water Quality Resource Specialist position was created and personal was hired to do Long Lake Dissolved oxygen and temperature profiles from June through Sept. 2016 and 2017, completed one group Cost Share project for 3 landowners on Long Lake, completed another Group Cost share project on Kabekona Lake, wrote grants, and completed other water quality projects as assigned. Performed E.coli sampling May - Sept. on Kabekona River; did May - Sept. water quality sampling on Benedict, Lake George, Hart and Lake Alice;		

Grant Activity - Soil Erosion - 2016 increased office rent			
Description	Soil Erosion - 2016 increased office rent		
	Comprehensive Local Water Management Plan		
	Funds will be used to offset the increase in rent of new Hubbard County SWCD office space, as our lease was terminated Dec. 31, 2015		
Category	ADMINISTRATION/COORDINATION		
Start Date		End Date	31-Dec-18
Has Rates and Hours?	No		
Actual Results	We moved into a new office in 2016. The increased rent at \$29.35 per square foot was determined but no lease or billing arrangements have been made by NRCS/USDA so no rent has been paid in 2016. To cover the Operational Agreement with NRCS for value of 2 computer seats on their system a photocopier was purchased for \$5,581.06 and the maintenance agreement was paid of \$415.86 on the copier that was used as rent for a total of \$5,996.92		

Grant Activity - Soil Erosion - 2016 shared grant match for Pollinator and tree plantings in irrigation corners			
Description	Soil Erosion - 2016 Shared grant match for pollinator and/or tree plantings in irrigation pivot corners.		
	Comprehensive Local Water Management Plan		
	Funds will be used to match a shared Enbridge grant for implementing either pollinator or tree plantings in irrigation pivot corners received by Hubbard, Wadena and Todd Counties. These projects, by keeping the ground covered in underused spaces with native vegetation, will prevent soil and wind erosion		
Category	WIND EROSION		
Start Date	16-Feb-16	End Date	30-Jun-17
Has Rates and Hours?	Yes		
Actual Results	A joint Pollinator/native grass/tree planning program with Wadena was initiated to plant between 200 and 300 acres of fallow/non-productive ground/irrigation corners to native species and keep the ground covered. Hubbard SWCD helped sign up 3 landowners and Wadena did the plans and plantings for them. A total of acres were covered in the joint project.		

Grant Attachments

Document Name	Document Type	Description
2016 Cost-Share Grant	Grant	2016 - SWCD Local Capacity Services (Hubbard SWCD)
2016 Local Capacity Financial Report	Grant	2016 - SWCD Local Capacity Services (Hubbard SWCD)
2016 Local Capacity Financial from reconciliation	Grant	2016 - SWCD Local Capacity Services (Hubbard SWCD)
2016 Local Capacity Tracker	Grant	2016 - SWCD Local Capacity Services (Hubbard SWCD)
2016 Local Capacity Tracker (2018 entries)	Grant	2016 - SWCD Local Capacity Services (Hubbard SWCD)
2016 Local Capacity Tracker (2018 entries)	Grant	2016 - SWCD Local Capacity Services (Hubbard SWCD)
2016 SWCD Local Capacity Services	Grant Agreement	2016 SWCD Local Capacity Services - Hubbard SWCD
2016 SWCD Local Capacity Services executed	Grant Agreement	2016 SWCD Local Capacity Services - Hubbard SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/22/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 06/21/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/23/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/30/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/17/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/17/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/28/2017
Amendment executed	Grant Agreement	2016 SWCD Local Capacity Services - Hubbard SWCD
Crist papers	Grant	2016 - SWCD Local Capacity Services (Hubbard SWCD)
P16-8826 Financial Reconciliation Checklist-Report #1	Journal	Journal Dated - 11/07/2018
P16-8826 Financial Reconciliation Checklist-Report #2	Journal	Journal Dated - 11/07/2018
SWCD Capacity Amendment - Hubbard SWCD.docx	Grant	2016 - SWCD Local Capacity Services (Hubbard SWCD)
SWCD Local Capacity Services 2016 Fin Rep	Grant	2016 - SWCD Local Capacity Services (Hubbard SWCD)
Thesing papers	Grant	2016 - SWCD Local Capacity Services (Hubbard SWCD)
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/20/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 07/15/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 11/30/2015
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 12/23/2015
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/29/2016