



Grant All-Detail Report

2013 - Community Partners Conservation Grant

Grant Title - 2013 - Community Partners Conservation Grant - Hubbard (SWCD)

Grant ID - C13-0347

Organization - Hubbard SWCD

Grant Awarded Amount	\$100,000.00	Grant Execution Date	
Required Match Amount	\$25,000.00	Grant End Date	1/1/2020
Required Match %	25%	Grant Day To Day Contact	

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$100,000.00	\$100,000.00	\$0.00
Total Match Amount	\$55,042.50	\$85,154.93	\$-30,112.43
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$155,042.50	\$185,154.93	\$-30,112.43

**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
Community Partners Grant Administration and Reporting	Administration /Coordination	Current State Grant	2013 - Community Partners Conservation Grant - Hubbard (SWCD)	\$2,500.00	\$2,500.00	9/22/2017	N
Community Partners Project Development	Project Development	Current State Grant	2013 - Community Partners Conservation Grant - Hubbard (SWCD)	\$7,799.00	\$7,799.00	12/31/2015	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
FHLRA Storm Scepter	Urban Stormwater Management Practices	Current State Grant	2013 - Community Partners Conservation Grant - Hubbard (SWCD..	\$22,000.00	\$22,000.00	10/29/2015	N
FHLRA Storm Scepter	Urban Stormwater Management Practices	Local Fund		\$5,500.00	\$18,000.00	6/30/2015	Y
Hubbard County Master Gardners	Urban Stormwater Management Practices	Current State Grant	2013 - Community Partners Conservation Grant - Hubbard (SWCD..	\$5,000.00	\$5,000.00	9/19/2014	N
Hubbard County Master Gardners	Urban Stormwater Management Practices	Landowner Fund		\$1,250.00	\$1,715.00	9/18/2014	Y
Pine Haven - Phase I	Urban Stormwater Management Practices	Current State Grant	2013 - Community Partners Conservation Grant - Hubbard (SWCD..	\$22,000.00	\$22,000.00	10/10/2017	N
Pine Haven - Phase I	Urban Stormwater Management Practices	Landowner Fund	Private Match	\$6,000.00	\$21,604.93	10/26/2017	Y
Pine Haven - Phase I	Urban Stormwater Management Practices	Local Fund	MARC&D (Enbridge Grant)	\$17,878.00	\$17,878.00	10/3/2017	Y
Pine Haven - Phase II	Special Projects	Current State Grant	2013 - Community Partners Conservation Grant - Hubbard (SWCD..	\$17,323.50	\$17,323.50	10/10/2017	N
Pine Haven - Phase II	Special Projects	Landowner Fund	Private Match	\$9,042.50	\$9,042.50	10/5/2017	Y
Pine Haven - Phase II	Special Projects	Local Fund	MARC&D (Enbridge Grant)	\$9,122.00	\$9,122.00	10/3/2017	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Spider Lake Community Project	Streambank or Shoreline Protection	Current State Grant	2013 - Community Partners Conservation Grant - Hubbard (SWCD..	\$23,377.50	\$23,377.50	2/6/2015	N
Spider Lake Community Project	Streambank or Shoreline Protection	Landowner Fund		\$6,250.00	\$7,792.50	6/6/2014	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
580 - Streambank and Shoreline Protection	8	4	621 LINEAR FEET	0 LINEAR FEET
554 - Drainage Water Management	1	0	1 COUNT	1 COUNT
155M - Storm Water Retention Basins	2	1	0.021786 AC	0.021786 AC
804M - Permeable Surfaces	1	0	0.0229 AC	0.0344 AC
558 - Roof Runoff Management	100	0	1 COUNT	0 COUNT
638 - Water and Sediment Control Basin	2	0	0.02295 AC	0.02295 AC
155M - Storm Water Retention Basins	1	1	1 COUNT	1 COUNT
580 - Streambank and Shoreline Protection	7	8	570 LINEAR FEET	600 LINEAR FEET
155M - Storm Water Retention Basins	1	1	0.0281 AC	0.0344 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
BOD 5	23,400.00	LBS/YR
SEDIMENT (TSS)	15.36	TONS/YR
PHOSPHORUS (EST. REDUCTION)	31.45	LBS/YR
PREVENTION	1.00	COUNT
SOIL (EST. SAVINGS)	15.36	TONS/YR

Grant Activity

Grant Activity - Community Partners Grant Administration and Reporting

Description	Hubbard County SWCD will administer the grant and complete all required reporting. January: notification to area newspapers about receiving the grant and the grant details. February: more detailed articles in the newspapers, applications, guidelines, maintenance agreements will be drawn up. The Local Water Plan Taskforce will design a ranking criteria for evaluating grant applications. March: the applications will be available. May 1, 2013: is the deadline for applications. Projects will be ranked and funded proposals will be announced by May 30, 2013. Projects will be chosen until the money is gone over a two year period. August 2013: If there is remaining funding another solicitation for grants will be advertised. If not enough applications come in targeted group contacts will be made soliciting projects.		
Category	ADMINISTRATION/COORDINATION		
Start Date	23-Oct-13	End Date	21-Nov-17
Has Rates and Hours?	No		
Actual Results	12/31/13 = 2 hrs reporting. 1/1/14 - 12/31/14 = 44 hrs of administering and reporting grant activity. 12/31/15 = 8.5 hrs of reporting grant activity.		

Grant Activity - Community Partners Project Development

<p>Description</p>	<p>Engage community groups through newspapers, local radio, SWCD, NRCS, Hubbard COLA and area Lake Association newsletters to provide publicity. Soliciting area organizations for SWCD staff to speak about the Community Partners grant such as Rotary, Lions, the Legion, book clubs and study groups. An open-house event is scheduled for Friday April 5 at the local SWCD office for a kick off event to highlight the Community Partners sub-grants and other programs of the SWCD. Groups that will be targeted for the program will be the Faith communities, local lake associations -especially those with declining water quality trends, schools, neighborhood groups, resort organizations, non profit groups, and local businesses. Priority will be given to how well each project addresses the local water plan priorities of Groundwater-based drinking water protection and surface water quality and quantity protection. Depending on the complexity of the projects SWCD and/or NRCS cost share standards will be used for the design. If it is complex project then SWCD Area VIII engineering will be brought in. A training will be held for the SWCD staff, board and the Local waterplan task force on Low Impact Development for erosion and sediment control on March 27, 2013. The LWP Taskforce helped design the ranking criteria for the projects. The LWP Taskforce will rank the project applications with the SWCD Board will make the final approval of the projects funded.</p>		
<p>Category</p>	<p>PROJECT DEVELOPMENT</p>		
<p>Start Date</p>	<p>22-Oct-13</p>	<p>End Date</p>	<p>21-Nov-17</p>
<p>Has Rates and Hours?</p>	<p>No</p>		
<p>Actual Results</p>	<p>Held an open house on Friday, April 5, 2013, worked on Spider Lake project, help in developing two projects that were not approved. Working with Fish Hook Lake & River Association and City of Park Rapids to develop a plan for a storm sceptor. Worked with MN Extension Service Master Gardeners for educational material on how homeowners can capture storm water for reuse with rain barrels. Working with association on Eagle Lake for storm runoff issues. Eagle Lake association approved for storm runoff project, but did not complete the project. Working with Pine Haven Christian Assembly Camp on storm runoff projects for the camp</p>		

Grant Activity - FHLRA Storm Scepter			
Description	FHLRA Storm Scepter on Riverside Ave. improvement preventing stormwater runoff to directly discharge to the Fish Hook river by installing a hydrodynamic vortex stormwater separator unit.		
Category	URBAN STORMWATER MANAGEMENT PRACTICES		
Start Date	1-May-15	End Date	05-Jun-15
Has Rates and Hours?	No		
Actual Results	Installed one Hydrodynamic Vortex Separator to decrease the amount of sediment and floatable debris from storm water runoff going directly into the Fish Hook River from the Riverside Ave. area of the City of Park Rapids, MN. This Separator is cleaned twice a year with the capacity to remove 9.3 Cubic yards of sediment from entering the Fish Hook. Previous to this project all the sediment, trash, and oil directly entered the Fish Hook River.		

Activity Action - FHLRA - Storm Sceptor			
Practice	155M - Storm Water Retention Basins	Count of Activities	1
Description	1 Hydrodynamic Vortex Separator, 8 foot diameter will capture 9.3 cubic yards of sediment per year. The storm cepter is cleaned twice a year.		
Proposed Size / Units	1.00 COUNT	Lifespan	25 Years
Actual Size/Units	1.00 COUNT	Installed Date	31-May-15
Mapped Activities	1 Point(s)		

Final Indicator for FHLRA - Storm Sceptor			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Fish Hook River, Park Rapids, MN		

Grant Activity - Hubbard County Master Gardeners

Description	Hubbard County University of MN Extension Master Gardener program purchased 55 gallon rain barrels and offered at a reduced rate to the public. Also did education programs on storm water re-use and water quality that landowners could do.		
Category	URBAN STORMWATER MANAGEMENT PRACTICES		
Start Date	24-Jun-14	End Date	18-Sep-14
Has Rates and Hours?	No		
Actual Results	87 rain barrels were distributed in Hubbard County to collect the runoff from landowners roofs and retain the water instead of running into our lakes, rivers, and or streams retaining 4,785 gallons of water for re-use.		

Grant Activity - Pine Haven - Phase I

Description	Pine Haven - Phase I construction: install pervious 1,500 square feet of pervious paver drainage system with over flow by the camp dining hall expansion to solve storm water runoff to the area.		
Category	URBAN STORMWATER MANAGEMENT PRACTICES		
Start Date	22-Aug-17	End Date	18-Sep-17
Has Rates and Hours?	No		
Actual Results	Phase 1 construction of 1500 square feet of pervious paver storm water retention and treatment system in addition to Phase 2 construction of two rain gardens, re-grading the road behind the dining hall, putting in a shallow ditch system to the rain gardens with check dams to slow the flow of water and the grassy swale and sediment basin for overflow of the rain gardens prevented 20 tons per year of Total suspended solids (TSS) and 18.39 pounds of Phosphorus from entering Long Lake in Hubbard County. Long Lake is listed as one of the most sensitive lakes in Minnesota for phosphorus loading.		

Activity Action - Pine Haven pervious paver stormwater retention and infiltration system			
Practice	155M - Storm Water Retention Basins	Count of Activities	1
Description	This project was installing Pave Drain pervious pavers to an area of 1500 square feet or 0.0344 acres in the area on the south side of Pine Haven Camp dining hall where a building expansion was to take place but flooded every time it rained and then ran across the grass and into Long Lake. The 1500 square foot area is an infiltration system and cleaning area for storm water. In the case of large storm events the overflow of "cleaned" water would exit the system into a grassy swale where it could be further infiltrated and slowed down by a check dam before entering a wetland on Long Lake		
Proposed Size / Units	0.03 AC	Lifespan	25 Years
Actual Size/Units	0.03 AC	Installed Date	18-Sep-17
Mapped Activities	1 Point(s)		

Final Indicator for Pine Haven pervious paver stormwater retention and infiltration system			
Indicator Name	BOD 5	Value	23400
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	29016100 Long Lake		

Grant Activity - Pine Haven - Phase II			
Description	Pine Haven - Phase II: Installation of two rain gardens, re-grading the road behind the dining hall at the camp, installing a shallow ditch along the road to direct stormwater runoff to the rain gardens with check dams to slow the rate of runoff and allow infiltration, overflow areas to a grassy swale and to a sediment basin from the rain gardens.		
Category	SPECIAL PROJECTS		
Start Date	22-Aug-17	End Date	18-Sep-17
Has Rates and Hours?	No		
Actual Results	5 BMP's were installed in this phase. The road behind the dining hall that accesses the back part of the camp was raised and re-graded. A shallow ditch were installed along one side of the road to capture storm water and direct it to two rain gardens for infiltration and sediment entrapment. Each rain garden has an overflow outlet. Rain garden 1 overflow is piped underground to a small retention basin where clean water can be held to infiltrate and then go into a wetland area. Rain garden 2 overflow is directed to a grassy swale area to allow for further infiltration of clean water before going to another wetland area. The combined project of Phase 1 and 2 will reduce the Total Suspended solid loading by 20 tons per year and also removed 18.39 pounds of phosphorus per year from entering Long Lake. Long Lake is identified as one of the top Phosphorus sensitive lakes in Minnesota.		

Activity Action - Pine Haven Camp Phase 2 road and rain garden installation			
Practice	155M - Storm Water Retention Basins	Count of Activities	2
Description	5 BMP Practices put in phase 2 project. 1) re-grade and fill 260 ft by 12 ft for the road; 2) rain garden 1 = 765 square feet; rain garden 2 = 184 square feet for total of 949 square feet or 0.021786 acres; 3) grassy swale = 75 feet long; 4) ditch along road directing run off to rain gardens 195 ft. with 5) three rock check dams.		
Proposed Size / Units	0.02 AC	Lifespan	15 Years
Actual Size/Units	0.02 AC	Installed Date	18-Sep-17
Mapped Activities	1 Line(s)		

Final Indicator for Pine Haven Camp Phase 2 road and rain garden installation			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	18.39
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	29016100		

Grant Activity - Spider Lake Community Project			
Description	Match for Spider Lake Community Project where 7 landowners for installing coir logs along their lakeshore and planted hillsides to prevent erosion from stormwater and from wave action.		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	17-Oct-13	End Date	06-Jun-14
Has Rates and Hours?	No		
Actual Results	Installed Coir logs and native plants and shrubs to prevent further shoreline erosion and stabilize the bank along 7 landowners shoreline for a total of 600 linear feet of shoreline protection and stabilization. This reduced 7.68 Tons/year of sediment entering the lake and reduced phosphorus loading of Spider lake by 6.53 lbs/year.		

Activity Action - Spider Lake Project			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	7
Description	Installed 600 linear feet of 20 inch diameter coir logs along 7 landowners shorelines on Spider Lake due to wave undercutting of the steep banks around the lake. Willows and dogwood were also planted within and around the coir logs and 1 landowner planted some native plants on the steep hillside. This reduced 7.68 tons/year of sediment entering the lake and 6.53 lbs./year of phosphorus from entering the lake.		
Proposed Size / Units	570.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	600.00 LINEAR FEET	Installed Date	17-Oct-13
Mapped Activities	8 Line(s)		

Final Indicator for Spider Lake Project

Indicator Name	SEDIMENT (TSS)	Value	7.68
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Spider Lake		

Final Indicator for Spider Lake Project

Indicator Name	SOIL (EST. SAVINGS)	Value	7.68
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Spider Lake		

Final Indicator for Spider Lake Project

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	6.53
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Spider Lake		

Grant Attachments

Document Name	Document Type	Description
2013 Community Partner Financial Report	Grant	2013 - Community Partners Conservation Grant - Hubbard (SWCD)
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/23/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/31/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/31/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/31/2014

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/29/2015
All Details Report	Grant	2013 - Community Partners Conservation Grant - Hubbard (SWCD)
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/16/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/22/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/22/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/11/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/10/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/11/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/05/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/16/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/13/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/30/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 06/20/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/08/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/26/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/24/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/19/2015
Amendment	Grant	2013 - Community Partners Conservation Grant - Hubbard (SWCD)
Amendment	Grant	2013 - Community Partners Conservation Grant - Hubbard (SWCD)
Community Partner's Grant	Grant	2013 - Community Partners Conservation Grant - Hubbard (SWCD)
Community Partners Riverside Rd. area map	Grant	2013 - Community Partners Conservation Grant - Hubbard (SWCD)
Final Invoicing TO and payment FROM Pine Haven for Phase I & II	Grant	2013 - Community Partners Conservation Grant - Hubbard (SWCD)
In-Kind documents for Pine Haven Projects	Grant	2013 - Community Partners Conservation Grant - Hubbard (SWCD)
Invoice TO and payment FROM HCSWCD for Pine Haven Projects	Grant	2013 - Community Partners Conservation Grant - Hubbard (SWCD)
JPB pymt	Grant	2013 - Community Partners Conservation Grant - Hubbard (SWCD)
Pine Haven Phase I Voucher - signed	Grant	2013 - Community Partners Conservation Grant - Hubbard (SWCD)
Pine Haven Phase II Voucher - signed	Grant	2013 - Community Partners Conservation Grant - Hubbard (SWCD)
Pine Haven Phase In-Kind Voucher - signed	Grant	2013 - Community Partners Conservation Grant - Hubbard (SWCD)
Signed Interim Financial Report	Grant	2013 - Community Partners Conservation Grant - Hubbard (SWCD)
Spider Lake Community Partners shoreline stabilization	Grant	2013 - Community Partners Conservation Grant - Hubbard (SWCD)

Document Name	Document Type	Description
grant_app_general-added.rpt	Grant	2013 - Community Partners Conservation Grant - Hubbard (SWCD)
grant_app_general-added.rpt	Grant	2013 - Community Partners Conservation Grant - Hubbard (SWCD)