



Grant All-Detail Report SWCD Local Capacity Services 2020

Grant Title - 2020 - SWCD Local Capacity Services (Carver SWCD)

Grant ID - P20-7462

Organization - Carver SWCD

Original Awarded Amount	\$122,548.00	Grant Execution Date	3/25/2020
Required Match Amount	\$0.00	Original Grant End Date	12/31/2022
Required Match %	0%	Grant Day To Day Contact	Mike Wanous
Current Awarded Amount	\$122,548.00	Current End Date	12/31/2022

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$122,548.00	\$122,548.00	\$0.00
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$122,548.00	\$122,548.00	\$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
Pollinator - Cost Share - Water Storage	Special Projects	Current State Grant	2020 - SWCD Local Capacity Services (Carver SWCD)	\$20,000.00	\$15,805.59	12/28/2022	N
Pollinator - Staff - Water Storage	Technical/Engineering Assistance	Current State Grant	2020 - SWCD Local Capacity Services (Carver SWCD)	\$20,000.00	\$24,194.41	12/31/2022	N
Soil Erosion - Education	Education/Information	Current State Grant	2020 - SWCD Local Capacity Services (Carver SWCD)	\$15,000.00	\$15,000.00	1/11/2021	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Soil Erosion - staff	Technical/Engineering Assistance	Current State Grant	2020 - SWCD Local Capacity Services (Carver SWCD)	\$30,000.00	\$30,000.00	12/31/2022	N
Water storage - inventory	Inventory/Mapping	Current State Grant	2020 - SWCD Local Capacity Services (Carver SWCD)	\$37,548.00	\$37,548.00	12/31/2021	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
390 - Riparian Herbaceous Cover	1	1	328 SQUARE FEET	328 SQUARE FEET
390 - Riparian Herbaceous Cover	1	1	318 SQUARE FEET	318 SQUARE FEET
724M - Pollinator Lawn	1	1	1500 SQUARE FEET	1500 SQUARE FEET
645 - Upland Wildlife Habitat Management	1	1	10000 SQUARE FEET	10000 SQUARE FEET
724M - Pollinator Lawn	1	2	1650 SQUARE FEET	1650 SQUARE FEET
724M - Pollinator Lawn	1	1	1200 SQUARE FEET	1200 SQUARE FEET
645 - Upland Wildlife Habitat Management	1	1	23086 SQUARE FEET	23086 SQUARE FEET
724M - Pollinator Lawn	1	1	6500 SQUARE FEET	6500 SQUARE FEET
724M - Pollinator Lawn	1	1	9100 SQUARE FEET	9100 SQUARE FEET
724M - Pollinator Lawn	1	1	562 SQUARE FEET	562 SQUARE FEET
724M - Pollinator Lawn	1	2	1865 SQUARE FEET	1865 SQUARE FEET
724M - Pollinator Lawn	1	2	6189 SQUARE FEET	6189 SQUARE FEET
724M - Pollinator Lawn	1	1	550 SQUARE FEET	550 SQUARE 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
PHOSPHORUS (EST. REDUCTION)	14.00	LBS/YR

Grant Activity

Grant Activity - Pollinator - Cost Share - Water Storage			
Description	This activity is for cost share payments for eligible applicants selected for funding through the Pollinator program.		
Category	SPECIAL PROJECTS		
Start Date		End Date	28-Dec-22
Has Rates and Hours?	No		
Actual Results	This category was used for making cost share payments to landowners for installing pollinator habitat. A small amount of funding was transferred to the staffing category.		

Activity Action - Sarah Buechel Pollinator			
Practice	724M - Pollinator Lawn	Count of Activities	1
Description	Homeowner plans on creating and expanding existing plant beds. They will use a diverse mixture of native plants that will attract and shelter pollinators. The areas will be stripped of sod, edged, and mulched. Native shrub screenings will also be incorporated in the planting. The location has excellent outreach potential as there is a lot of areas that could be converted into pollinator plantings.		
Proposed Size / Units	1,865.00 SQUARE FEET	Lifespan	10 Years
Actual Size/Units	1,865.00 SQUARE FEET	Installed Date	28-Aug-20
Mapped Activities	1 Point(s) 1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Sarah Buechel Pollinator			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Literature Value
Waterbody	Crow River		

Activity Action - Lisa VanDerPol Pollinator			
Practice	724M - Pollinator Lawn	Count of Activities	1
Description	Homeowner has been in the process of converting yard into native vegetation. Last year she put in a large native meadow. This year she plans to convert an area that is dominated by non-native buckthorn into a woodland pollinator habitat. The plan is to remove 3,000 SF of buckthorn and replace it with a Concolor Fir screening (not included in cost share) and a 1,650SF pollinator habitat that is part shade to shade. The new habitat will be a great place for bumblebees to overwinter and will improve food sources for pollinators. This project will be a great example of how to transition from buckthorn to native habitat.		
Proposed Size / Units	1,650.00 SQUARE FEET	Lifespan	10 Years
Actual Size/Units	1,650.00 SQUARE FEET	Installed Date	15-Oct-20
Mapped Activities	1 Point(s) 1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Lisa VanDerPol Pollinator			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Literature Value
Waterbody	Minnehaha Creek		

Activity Action - Sarah Overton Pollinator			
Practice	724M - Pollinator Lawn	Count of Activities	1
Description	New homeowner wants to replace 6,500 SF of turf along a storm pond with native pollinator planting. Currently the home is under construction by the developer. The homeowner is a native plant restoration professional and plans to do all the work themselves. The area will be killed off twice to properly prepare area for seeding. Area will be planted in mid-June with a grass forb mix and cover crop. Once established the homeowner will install additional forb plugs and shrubs. This project is a great example of what can be done in a new development and may inspire surrounding neighbors to get rid of their unused turf spaces. Additionally the planting will increase buffer width around an existing storm pond.		
Proposed Size / Units	6,500.00 SQUARE FEET	Lifespan	10 Years
Actual Size/Units	6,500.00 SQUARE FEET	Installed Date	29-Mar-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Final Indicator for Sarah Overton Pollinator			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Literature Value

Waterbody	Crow River
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Activity Action - Andy Wigfield Pollinator			
Practice	724M - Pollinator Lawn	Count of Activities	1
Description	The Wigfield's recently bought a neighboring property and tore the house down. They decided to convert some of the new properties turf into pollinator habitat. The property is located in the city center of Norwood Young America. Before planting they killed the existing turf in the Fall 2020 and plant native plugs in the spring. The plants selected will give pollinators a seasonal source of nectar and seeds. This project is a great example of residential turf conversion to native habitat. Hopefully this will help encourage neighbors to consider doing the same.		
Proposed Size / Units	562.00 SQUARE FEET	Lifespan	10 Years
Actual Size/Units	562.00 SQUARE FEET	Installed Date	4-Jun-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Final Indicator for Andy Wigfield Pollinator			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Literature Value
Waterbody	Bevens Creek		

Activity Action - Dean Brueggemeier Pollinator			
Practice	724M - Pollinator Lawn	Count of Activities	1
Description	The homeowners plan to create approximately 9,100 SF of pollinator habitat near the entrance of their driveway. Currently the area is being maintained as a lawn/pasture. Before planting they will move pasture fence East to accommodate right of way setback. The plan is to kill area with glyphosate in the spring. The area will be tilled then planted with buckwheat to choke out weeds. In fall the buckwheat will be harvested and the pollinator seed mix will be dormant seeded then. The area will be visible to neighbors giving it high outreach potential. The homeowners plan to expand area in the future.		
Proposed Size / Units	9,100.00 SQUARE FEET	Lifespan	10 Years
Actual Size/Units	9,100.00 SQUARE FEET	Installed Date	8-Oct-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Final Indicator for Dean Brueggemeier Pollinator			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Literature Value
Waterbody	Crow River		

Activity Action - Mark Zabel Pollinator			
Practice	724M - Pollinator Lawn	Count of Activities	1
Description	The property owners plan to convert 1200SF turf to a native pollinator planting. The area will be sprayed with glyphosate to kill turf then plant plugs will be planted. Work is planned to begin in September. Planting will showcase blooming species throughout the year to aid in pollinator health. The location is ideal for pollinator outreach being next to a walking path and playground. The home owner has already converted much of the yard to pollinator friendly habitat.		
Proposed Size / Units	1,200.00 SQUARE FEET	Lifespan	10 Years
Actual Size/Units	1,200.00 SQUARE FEET	Installed Date	6-Sep-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Final Indicator for Mark Zabel Pollinator			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Literature Value
Waterbody	Minnehaha Creek		

Activity Action - Environmental Center Pollinator			
Practice	724M - Pollinator Lawn	Count of Activities	1
Description	The Carver County Environmental Center is converting unused turf areas into pollinator habitat. The project includes a educational kiosk with trails and labeled native plants. Also included are areas to be seeded with a MNL Short Mesic Pollinator Seed Mix. In the Fall of 2020 the project will be prepped by killing grass and tilling turf. In the Spring of 2021 the project will be planted and seeded. This project is ideally located because of the constant residential traffic bringing in environmentally sensitive goods. It also has potential to further expand on site.		
Proposed Size / Units	6,189.00 SQUARE FEET	Lifespan	10 Years
Actual Size/Units	6,189.00 SQUARE FEET	Installed Date	1-Jun-22
Mapped Activities	2 Point(s)	Technical Assistance Provider	SWCD

Final Indicator for Environmental Center Pollinator			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	2
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Literature Value
Waterbody	McNight Lake		

Activity Action - Renae Larson Pollinstor			
Practice	724M - Pollinator Lawn	Count of Activities	1
Description	The homeowner plans to hire a contractor to remove turf along Sunny Ridge Drive. Turf will be replaced with a pollinator habitat. The habitat will have species blooming throughout the season. Previously the homeowner has removed turf and replaced it with pollinator habitat. The new pollinator habitat will expand resources available to pollinators and be a prominent example to her neighbors. Recommend funding at 1\$ per square foot per pollinator program guidelines.		
Proposed Size / Units	550.00 SQUARE FEET	Lifespan	10 Years
Actual Size/Units	550.00 SQUARE FEET	Installed Date	14-Sep-22
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Final Indicator for Renae Larson Pollinstor			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Literature Value
Waterbody	Carver Creek		

Activity Action - City of Chaska Pollinator			
Practice	724M - Pollinator Lawn	Count of Activities	1
Description	The City of Chaska asked for assistance to redesign a garden next to the playground outside the Chaska Community Center. The garden will have plants blooming throughout the season allowing people to interact and sit in the space. The City plans on doing the work themselves, and use a split rail fence to prevent the plants from being trampled on. This project has excellent outreach value, and is a great example of a part shade pollinator garden.		
Proposed Size / Units	1,500.00 SQUARE FEET	Lifespan	10 Years
Actual Size/Units	1,500.00 SQUARE FEET	Installed Date	19-Sep-22
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Final Indicator for City of Chaska Pollinator			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Literature Value
Waterbody	Chaska Creek		

Activity Action - Daniel Laun			
Practice	390 - Riparian Herbaceous Cover	Count of Activities	1
Description	This native plant buffer is proposed for an area that is currently lawn. It is located above the OHWL on private property. A very large area of lawn flows directly to Lake Minnewashta and this native plant buffer is to be located to intercept runoff from the lawn and filter it through a dense stand of native plantings. This will reduce flow of runoff to the lake and provide nutrient capture within the native planting. The plants selected are native species, well-suited to the site conditions and selected to provide a variety of blooms throughout the growing season, to provide beauty for residents as well as habitat for pollinators all season long.		
Proposed Size / Units	328.00 SQUARE FEET	Lifespan	10 Years
Actual Size/Units	328.00 SQUARE FEET	Installed Date	15-Sep-22
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Daniel Laun			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Literature Value
Waterbody	Lake Minnewashta		

Activity Action - Kara Quist			
Practice	390 - Riparian Herbaceous Cover	Count of Activities	1
Description	This native plant buffer is proposed for an area that is currently lawn. It is located above the OHWL on private property. A very large area of lawn flows directly to Lake Minnewashta and this native plant buffer is to be located to intercept runoff from the lawn and filter it through a dense stand of native plantings. This will reduce flow of runoff to the lake and provide nutrient capture within the native planting. The plants selected are native species, well-suited to the site conditions and selected to provide a variety of blooms throughout the growing season, to provide beauty for residents as well as habitat for pollinators all season long.		
Proposed Size / Units	318.00 SQUARE FEET	Lifespan	10 Years
Actual Size/Units	318.00 SQUARE FEET	Installed Date	29-Sep-22
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Kara Quist			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Literature Value
Waterbody	Lake Minnewashta		

Activity Action - Nathan Kirt Pollinator			
Practice	645 - Upland Wildlife Habitat Management	Count of Activities	1
Description	The homeowners recently built a home and now have seeded pollinator habitat instead of having a typical Kentucky bluegrass lawn. They contracted Prairie Restoration to install 23,086 SF of pollinator habitat. In the front yard they planted an upland seed mix, with a savanna mix in the backyard. This project is a great opportunity to show the neighborhood an alternative to having a typical grass lawn. The prairie planting will help filter runoff from the house and driveway before entering the wetland on the south end of the property.		
Proposed Size / Units	23,086.00 SQUARE FEET	Lifespan	10 Years
Actual Size/Units	23,086.00 SQUARE FEET	Installed Date	8-Nov-22
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Nathan Kirt Pollinator			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Literature Value
Waterbody	Lake Minnewashta		

Activity Action - Kim Breeden Pollinator			
Practice	645 - Upland Wildlife Habitat Management	Count of Activities	1
Description	Kim Breeden seeded 1/4 acre of pollinator meadow in a former wet turf area. Because the location was often wet the homeowner decided to kill it off for 2-years to prevent reed canary grass from growing. Once the grass was killed off, it was dormant seeded just before the snow fell. The owner and parents are experience farmers and dedicated gardeners. This project will be a good example of wet turf conversion to pollinator meadow.		
Proposed Size / Units	10,000.00 SQUARE FEET	Lifespan	10 Years
Actual Size/Units	10,000.00 SQUARE FEET	Installed Date	1-Nov-22
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Kim Breeden Pollinator			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Literature Value
Waterbody	Crow River		

Grant Activity - Pollinator - Staff - Water Storage			
Description	This activity will cover the staff time needed to run the Pollinator program		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date		End Date	28-Dec-22
Has Rates and Hours?	Yes		
Actual Results	This category was used to pay for staffing for the pollinator program. Most of the staffing was for technical assistance, with a little bit for administration.		

Grant Activity - Soil Erosion - Education			
Description	Education activities - youth/adult		
Category	EDUCATION/INFORMATION		
Start Date		End Date	30-Dec-22
Has Rates and Hours?	Yes		
Actual Results	This activity was used for staffing for education.		

Grant Activity - Soil Erosion - staff			
Description	Technical assistance to landowners for all erosion related issues		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date		End Date	30-Dec-22
Has Rates and Hours?	Yes		
Actual Results	This activity was used for staffing for technical assistance for erosion issues.		

Grant Activity - Water storage - inventory			
Description	Inventory and mapping of water storage opportunities to address volume control and flood reduction		
Category	INVENTORY/MAPPING		
Start Date		End Date	30-Dec-22
Has Rates and Hours?	No		
Actual Results	This activity was used for staffing for inventory and mapping and technical assistance.		

Grant Attachments

Document Name	Document Type	Description
2020 SWCD Local Capacity and Buffer Law Implementation	Grant Agreement	2020 SWCD Local Capacity and Buffer Law Implementation - Carver SWCD
2020 SWCD Local Capacity and Buffer Law Implementation EXECUTED	Grant Agreement	2020 SWCD Local Capacity and Buffer Law Implementation - Carver SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/22/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/08/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/27/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/22/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/29/2021
Final financial report	Grant	2020 - SWCD Local Capacity Services (Carver SWCD)
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 09/16/2019
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/23/2020