



Grant All-Detail Report Projects and Practices 2020

Grant Title - City of Cromwell Stormwater Improvement Project

Grant ID - C20-5793

Organization - Carlton SWCD

Original Awarded Amount	\$152,750.00	Grant Execution Date	2/18/2020
Required Match Amount	\$38,187.50	Original Grant End Date	12/31/2022
Required Match %	25%	Grant Day To Day Contact	Melanie Bomier
Current Awarded Amount	\$152,750.00	Current End Date	12/31/2022

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$152,750.00	\$7,904.08	\$144,845.92
Total Match Amount	\$38,188.00	\$1,360.51	\$36,827.49
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$190,938.00	\$9,264.59	\$181,673.41

**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
Big Sandy Area Lakes Watershed Management Project group Outreach & Education	Education/Information	Current State Grant	City of Cromwell Stormwater Improvement Project	\$5,000.00	\$517.46	9/1/2020	N
City of Cromwell Stormwater Grand Opening	Education/Information	Current State Grant	City of Cromwell Stormwater Improvement Project	\$8,000.00			N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
City of Cromwell Stormwater Implementation	Urban Stormwater Management Practices	Current State Grant	City of Cromwell Stormwater Improvement Project	\$110,000.00			N
City of Cromwell Stormwater Implementation	Urban Stormwater Management Practices	Local Fund	City of Cromwell Stormwater Improvement Project	\$38,188.00	\$1,360.51	9/9/2020	Y
Grant Admin	Administration /Coordination	Current State Grant	City of Cromwell Stormwater Improvement Project	\$19,750.00	\$5,879.66	12/31/2020	N
Tamarack Watershed Targeted Lakeshore BMPs	Urban Stormwater Management Practices	Current State Grant	City of Cromwell Stormwater Improvement Project	\$10,000.00	\$1,506.96	12/31/2020	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
412 - Grassed Waterway and Swales	2		80 LINEAR FEET	LINEAR FEET
712M - Bioretention Basin	4		0.02 AC	AC

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
City of Cromwell Stormwater Implementation	VOLUME REDUCED (ACRE-FEET/YEAR)	1.175 ACRE-FEET/YR	Tamarack River	MIDS	
City of Cromwell Stormwater Implementation	PHOSPHORUS (EST. REDUCTION)	0.558 LBS/YR	Tamarack River	MIDS	

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
Tamarack Watershed Targeted Lakeshore BMPs	PHOSPHORUS (EST. REDUCTION)	20.89 LBS/YR	Tamarack Watershed	Other	Calculated based on previous pollutant reductions from 319 grant
City of Cromwell Stormwater Implementation	SOIL (EST. SAVINGS)	0.1771 TONS/YR	Tamarack River	MIDS	
Tamarack Watershed Targeted Lakeshore BMPs	SOIL (EST. SAVINGS)	20.19 TONS/YR	Tamarack Watershed	Other	Calculated based on previous pollutant reductions from 319 grant

Final Indicators Summary

Indicator Name	Total Value	Unit
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Grant Activity

Grant Activity - Big Sandy Area Lakes Watershed Management Project group Outreach & Education			
Description	Provide watershed residents with information on water quality information and BMPs through newsletters and community event outreach. This work will be lead by the engaged Big Sandy Area Lakes Watershed Management Project group and coordinated by the Carlton SWCD. Outreach might include tours, mailings, newsletters or door knocking materials.		
Category	EDUCATION/INFORMATION		
Start Date	1-Jul-20	End Date	
Has Rates and Hours?	No		
Actual Results	The Big Sandy Group helped develop a mailing to targeted lakeshore owners. Mailing was sent in August/September 2020 and resulted in 5 site visits.		

Grant Activity - City of Cromwell Stormwater Grand Opening	
Description	City of Cromwell Grand Opening Celebration & Tour Hosted by the Big Sandy Area Lakes Watershed Management Project group along with Do it Yourself BMP Workshops. SWCD staff will lead the workshops.
Category	EDUCATION/INFORMATION
Start Date	End Date
Has Rates and Hours?	Yes
Actual Results	

Grant Activity - City of Cromwell Stormwater Implementation	
Description	City of Cromwell Stormwater Engineering Expenses (Final Design & Construction Inspection) and Construction Costs. Design and construction will include 4 rain gardens and 2 swale ditch treatment areas in the City of Cromwell park. Engineering will be completed by JPJ Engineering, INC under John D. Mattoenen, P.E. with planting assistance from Alyssa Alness (Carlton SWCD) using the Minnesota Stormwater Manual. Preliminary designs were completed for the project by JPJ Engineering, and several planning meetings for the project have been held by the City of Cromwell and various user groups. The preliminary designs led to development of a cost estimate. Final designs and permitting would be completed after the grant award. Permits will include wetland and stormwater. The BSALWMP group voted to support this grant application at their August 2019 meeting.
Category	URBAN STORMWATER MANAGEMENT PRACTICES
Start Date	End Date
Has Rates and Hours?	No
Actual Results	

Activity Action - Cromwell Park Stormwater			
Practice	712M - Bioretention Basin	Count of Activities	4
Description	Rain garden to treat park runoff		
Proposed Size / Units	0.02 AC	Lifespan	10 Years
Actual Size/Units	AC	Installed Date	
Mapped Activities	No	Technical Assistance Provider	

Activity Action - Cromwell Park Stormwater			
Practice	412 - Grassed Waterway and Swales	Count of Activities	2
Description	Swale ditch treatment for Cromwell Park runoff		
Proposed Size / Units	80.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Mapped Activities	No	Technical Assistance Provider	

Grant Activity - Grant Admin			
Description	Time for the Water Resources Technician to manage the grant, attend monthly Big Sandy Area Lakes Watershed Management Project Group meetings and coordinate project work with consulting engineer, SWCD staff and volunteers. This will include time to plan events, produce materials and coordinate activities. Some hours may also be used for support from Aitkin SWCD.		
Category	ADMINISTRATION/COORDINATION		
Start Date	1-Mar-20	End Date	
Has Rates and Hours?	Yes		
Actual Results	Helped coordinated Big Sandy Group and cost-share projects. Worked with the City of Cromwell on planning the Pavilion project.		

Grant Activity - Tamarack Watershed Targeted Lakeshore BMPs

Description	These funds will provide cost share for Tamarack Watershed land owners to design and install phosphorous and soil reduction BMPs on their property. The Big Sandy Area Lakes Watershed Management Project group will approve projects for implementation. Design will be completed by Alyssa Alness (Carlton SWCD) using the Minnesota Stormwater Manual. Copies of SWCD staff JAA is available upon request. Land owner agreements will follow the cost share manual. Examples of projects may include rain gardens, native plantings, shoreland stabilization among others.		
Category	URBAN STORMWATER MANAGEMENT PRACTICES		
Start Date	1-Jun-20	End Date	
Has Rates and Hours?	Yes		
Actual Results	Carlton SWCD Conservation Technician made site visits with 5 lakeshore owners and assisted with design work for one site on South Island Lake. Construction is planned for 2021.		

Grant Attachments

Document Name	Document Type	Description
2020 Competitive Grant	Grant Agreement	2020 Competitive Grant - Carlton SWCD
2020 Competitive Grant EXECUTED	Grant Agreement	2020 Competitive Grant - Carlton SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/14/2021
Application	Workflow Generated	Workflow Generated - Application - 08/30/2019
City of Cromwell Stormwater Project Map	Grant	City of Cromwell Stormwater Improvement Project
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/22/2020
grantmap_24371_2019-08-28_10-26-24-AM.jpg	Grant	City of Cromwell Stormwater Improvement Project