



Grant All-Detail Report Projects and Practices 2019

Grant Title - 2019 Parmly Gully Stabilization Project on Green Lake

Grant ID - C19-2638

Organization - Chisago SWCD

Original Awarded Amount	\$100,000.00	Grant Execution Date	3/5/2019
Required Match Amount	\$25,000.00	Original Grant End Date	12/31/2021
Required Match %	25%	Grant Day To Day Contact	Craig Mell
Current Awarded Amount	\$100,000.00	Current End Date	12/31/2021

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$100,000.00	\$100,000.00	\$0.00
Total Match Amount	\$25,000.00	\$50,000.00	\$-25,000.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$125,000.00	\$150,000.00	\$-25,000.00

*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
Administration	Administration /Coordination	Current State Grant	2019 Parmly Gully Stabilization Project on Green Lake	\$5,000.00	\$4,497.50	11/16/2021	N
Construction	Agricultural Practices	Current State Grant	2019 Parmly Gully Stabilization Project on Green Lake	\$85,000.00	\$85,000.00	10/12/2021	N
Construction	Agricultural Practices	Federal Funds	MPCA 319 Funds	\$25,000.00	\$50,000.00	10/12/2021	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Technical/Engineering	Technical/Engineering Assistance	Current State Grant	2019 Parmlly Gully Stabilization Project on Green Lake	\$10,000.00	\$10,502.50	11/16/2021	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
410 - Grade Stabilization Structure	1	1	1 COUNT	1 COUNT

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
Construction	PHOSPHORUS (EST. REDUCTION)	112 LBS/YR	Green Lake	BWSR CALC (GULLY STABILIZATION)	
Construction	SEDIMENT (TSS)	112 TONS/YR	Green Lake	BWSR CALC (GULLY STABILIZATION)	

Final Indicators Summary

Indicator Name	Total Value	Unit
SEDIMENT (TSS)	117.64	TONS/YR
SOIL (EST. SAVINGS)	117.64	TONS/YR
PHOSPHORUS (EST. REDUCTION)	117.64	LBS/YR

Grant Activity

Grant Activity - Administration			
Description	<p>Carry out administrative duties associated with executing the grant agreement, fulfilling reporting requirements, preparing contracts, tracking activities and hours, etc. Craig Mell, District Administrator will be responsible for activities including grant agreements, contracts, time tracking, and reporting to the SWCD Board. The Chisago SWCD Conservation Technician will be responsible for reporting.</p> <p>When this project is completed it will highlighted during a stop on our tour of projects for local officials and residents within the Chisago Lakes Chain of Lakes watershed.</p>		
Category	ADMINISTRATION/COORDINATION		
Start Date	10-Apr-19	End Date	16-Nov-21
Has Rates and Hours?	Yes		
Actual Results	<p>As of December 31, 2019 Contracting and administration work for the Parmly project and contracting.</p> <p>As of April 2, 2020 Admin work coordinating the Parmly project.</p> <p>As of Jan. 1, 2021 Admin work completed to extend project install date and contract expiration date due to COVID-19</p> <p>As of April 1st, 2021 Admin to continue project for spring/summer install</p> <p>As of July 1, 2021 Admin to continue project coordination for install</p> <p>As of November 16, 2021 Admin working on board reports, bills, vouchers and final payments.</p>		

Grant Activity - Construction

Description	<p>Cost share funds for implementation of designed BMPs. In 2018, a topographical survey was completed of the large gully located on the Parmly property on the east shores of Green Lake. A preliminary design is currently being completed by Rebecca Nestingen, Washington Conservation District Engineer, and includes the following practices, (638) water and sediment control structure, (468) lined waterway or outlet, and (410) grade stabilization structure. The BWSR Pollution Reduction Calculator estimates that the proposed practices will reduce phosphorus by 112 pounds and sediment by 112 tons from entering Green Lake annually.</p> <p>The landowner is responsible for soliciting bids for the project and for hiring a contractor. In some cases, the landowner signs a document that allows the Chisago SWCD to solicit bids on the landowners' behalf. When bids are received, the Chisago SWCD reviews them to ensure that the costs are reasonable and within the budget allotted for the project. The SWCD has a list of contractors that we have worked with on prior projects that the landowner can use if they choose. The landowner is also free to solicit bids from companies not on the list. Once the SWCD has approved bids as being acceptable and within the budget limits (or the landowner has agreed to pay any costs above and beyond the SWCD's project), the landowner makes the final decision on which bid to accept.</p>		
Category	AGRICULTURAL PRACTICES		
Start Date	10-Apr-19	End Date	16-Nov-21
Has Rates and Hours?	No		
Actual Results	<p>As of December 31, 2019 No construction completed yet.</p> <p>As of November 16, 2021 Construction was started and finished this season. Construction concluded in October and all paperwork has been signed and check mailed off. Parmly 400' gully has been stabilized.</p>		

Activity Action - Grade Stabilization			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	Grade stabilization structure installed to stabilize 400' channelized gully that has been eroding for 40-60 years		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	15-Nov-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Final Indicator for Grade Stabilization

Indicator Name	SOIL (EST. SAVINGS)	Value	117.64
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Green Lake		

Final Indicator for Grade Stabilization

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	117.64
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Green Lake		

Final Indicator for Grade Stabilization

Indicator Name	SEDIMENT (TSS)	Value	117.64
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Green Lake		

Grant Activity - Technical/Engineering

Description	<p>Development of final design plan set, construction staking, construction oversight, and check out of construction projects. Working with contractors to install the project as designed to meet specifications.</p> <p>Engineering and project certification will be provided by Washington Conservation District Professional Engineer Rebecca Nestingen. The primary local technical and engineering assistance support will be provided by Chisago SWCD Water Resource Specialist Casey Thiel and to be hired Conservation Technician. For a complete list of JAA, contact the SWCD.</p>		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	10-Apr-19	End Date	16-Nov-21
Has Rates and Hours?	Yes		
Actual Results	<p>As of December 31, 2019 Technical assistance to conduct/coordinate site visits with landowners and engineers. Engineering work to survey and design project and put the project out for bid.</p> <p>As of April 2, 2020 Technical assistance working on project design and bidding process.</p> <p>As of Jan.1, 2021 Technical staff time coordinating project site visits and coordinating a new install timeline due to COVID-19</p> <p>As of April 1, 2021 Technical assistance working with engineers and contractors on project coordination</p> <p>As of July 1, 2021 Technical assistance working with engineers and contractors on project coordination</p> <p>As of November 16, 2021 Technical assistance consisted of working with engineers, contractors and landowners during construction until project was installed and as built complete.</p>		

Grant Attachments

Document Name	Document Type	Description
2019 Competitive Grant	Grant Agreement	2019 Competitive Grant - Chisago SWCD
2019 Competitive Grant EXECUTED	Grant Agreement	2019 Competitive Grant - Chisago SWCD

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/29/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/16/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/13/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/07/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/06/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/10/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/17/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/17/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/16/2021
Application	Workflow Generated	Workflow Generated - Application - 08/28/2018
Final Financial Report	Grant	2019 Parmly Gully Stabilization Project on Green Lake
Parmly Gully	Grant	2019 Parmly Gully Stabilization Project on Green Lake
Parmly contracts	Grant	2019 Parmly Gully Stabilization Project on Green Lake
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 12/19/2018
grantmap_22575_2018-08-24_04-16-22-PM.jpg	Grant	2019 Parmly Gully Stabilization Project on Green Lake