



Grant All-Detail Report SWCD Local Capacity Services 2019

Grant Title - 2019 - SWCD Local Capacity Services (Dakota SWCD)

Grant ID - P19-2351

Organization - Dakota SWCD

Original Awarded Amount	\$100,000.00	Grant Execution Date	10/2/2018
Required Match Amount	\$0.00	Original Grant End Date	12/31/2021
Required Match %	0%	Grant Day To Day Contact	Lana Rotty
Current Awarded Amount	\$111,600.00	Current End Date	12/31/2021

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$111,600.00	\$111,600.00	\$0.00
Total Match Amount	\$0.00	\$1,495.63	\$-1,495.63
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$111,600.00	\$113,095.63	\$-1,495.63

*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 Nutrients - 2019 Soil and Groundwater Health	Education/Information	Current State Grant	2019 - SWCD Local Capacity Services (Dakota SWCD)	\$10,000.00	\$10,066.39	4/3/2021	N
Grant Administration	Administration/Coordination	Local Fund	2019 - SWCD Funds	\$0.00	\$458.85	3/31/2020	Y
Soil Erosion - 2019 Advance Staff Credentials	Administration/Coordination	Current State Grant	2019 - SWCD Local Capacity Services (Dakota SWCD)	\$15,000.00	\$14,969.66	4/3/2021	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Soil Erosion - 2019 Compliance Inspections	Technical/Engineering Assistance	Current State Grant	2019 - SWCD Local Capacity Services (Dakota SWCD)	\$15,000.00	\$16,774.73	12/31/2020	N
Soil Erosion - 2019 Education and Outreach	Education/Information	Current State Grant	2019 - SWCD Local Capacity Services (Dakota SWCD)	\$26,600.00	\$31,987.61	5/14/2021	N
Soil Erosion - 2019 Education and Outreach	Education/Information	Local Fund	2019 SWCD Funds	\$0.00	\$1,036.78	5/14/2021	Y
Soil Erosion - 2019 Technical Assistance	Technical/Engineering Assistance	Current State Grant	2019 - SWCD Local Capacity Services (Dakota SWCD)	\$30,000.00	\$29,989.56	12/31/2020	N
Water Storage and Treatment - 2019 Inventory and Assessments	Inventory/Mapping	Current State Grant	2019 - SWCD Local Capacity Services (Dakota SWCD)	\$15,000.00	\$7,812.05	12/31/2020	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
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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
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Grant Activity

Grant Activity - Excess Nutrients - 2019 Soil and Groundwater Health			
Description	Soil and Groundwater Health. Funding will be used to promote soil and groundwater health throughout Dakota County. Dakota County SWCD Comprehensive Plan Objective 2, Strategy A and B; Objective 6, Strategy B.		
Category	EDUCATION/INFORMATION		
Start Date	16-Oct-18	End Date	14-May-21
Has Rates and Hours?	Yes		
Actual Results	The County Groundwater Plan was adopted by BWSR and Dakota County in early 2021. SWCD staff assisted with the Ag Chemicals Reduction Effort (ACRE) planning process. Staff provided technical assistance to promote conservation practices that reduce nitrate leaching to groundwater. Technical assistance to landowners occurred to discuss soil health and groundwater benefits associated with cover crops or perennial cover options. Staff time was needed and used to respond to landowners that had sinkholes develop due to heavy rains. Sinkhole inspections occurred and documentation with locations were coordinated with Dakota County and State of Minnesota. Staff continue to participate in statewide and regional efforts for soil health and nitrate reductions options to protect groundwater resources and align efforts with Dakota County Groundwater Plan and State of Minnesota priorities.		

Grant Activity - Grant Administration			
Description	Administration. Funding will be used to administer the Local Capacity Service Grant and provide necessary State reporting.		
Category	ADMINISTRATION/COORDINATION		
Start Date	16-Oct-18	End Date	14-May-21
Has Rates and Hours?	No		
Actual Results	This grant was executed on October 2, 2018. Grant funds were deposited on October 17, 2019. Funds in this grant were used through the first quarter of 2021. All staff timesheets were approved by April 13, and billable rates were then calculated and reported accordingly.		

Grant Activity - Soil Erosion - 2019 Advance Staff Credentials

Description	Advance Staff Credentials and Training. Funding will be used to cover registration costs and time to attend appropriate educational and training opportunities to advance staff credentials for implementation of water quality improvement projects. Dakota SWCD Comprehensive Plan Objective 1, Strategy A, C and D; Objective 2, Strategy B; Objective 3, Strategy A and B.		
Category	ADMINISTRATION/COORDINATION		
Start Date	16-Oct-18	End Date	14-May-21
Has Rates and Hours?	Yes		

Actual Results

Staff participated in the following training to advance or maintain staff credentials and job approval authorities as required by BWSR under Project and Practice Assurance of their GAM and to be an effective and efficient SWCD:

Three employees (Ashley, Todd, John) participated in Engineering Field Tools (EFT) training for water and sediment control basin design. The training was organized by BWSR Training Staff. One employee (John) participated in Engineering Field Tools (EFT) training for waterway design. The training was organized by BWSR.

Two employees (Ashley, John) participated in Cultural Resources training.

Two employees (Todd, Gabe) participated in US Army Corp of Engineers: HEC – Hydrologic Modeling System (HMS) training. Training was provided by Area Office Ag Engineer, Tom Borth. Additional training was through online tutorial sessions provide by the US Army Corp of Engineers.

Three employees (Curt, Gabe, Joe) participated in Shoreline Restoration training provided by Metro Conservation District.

One employee (John) attended tree inspector recertification.

One employee (Joe) attended and provided instruction at BWSR academy.

One employee (Curt) attended Irrigation Scheduling training.

One employee (Curt) attended Manhole sump sediment capture training provided by MSRS.

All SWCD technical staff submitted plans and records to NRCS Area Engineer, Nicole Sternquist for Technical Job Approval Authority (JAA). Curt worked with BWSR staff regarding SWCD employee JAA. Gabe met with BWSR staff (Nicole Sternquist, Amanda Dens, Jim Fritz) on several occasions regarding job approval levels; including submitting necessary documentation.

Grant Activity - Soil Erosion - 2019 Compliance Inspections

Description	<p>Compliance Inspections and Reporting. Funding will be used to conduct compliance inspections and reporting on practices that have been installed and are under contract. There are approximately 150 contracts the SWCD is responsible to monitor. Staff will be developing a process by which compliance inspections will occur.</p> <p>Dakota County SWCD Comprehensive Plan Objective 1, Strategy B.</p>		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	16-Oct-18	End Date	14-May-21
Has Rates and Hours?	Yes		
Actual Results	<p>Compliance inspections were conducted on 112 projects in 2020 to meet BWSR GAM requirements under Practice Site Inspections.</p> <p>Practice types inspected included water/sediment control basins, grassed waterways, filter strips, streambank restorations, bioretention basins, raingardens, hydrodynamic separators, and slope stabilizations, and critical area plantings.</p> <p>For projects that were in fair or poor condition, maintenance and repairs were coordinated with landowners to keep the projects functioning or to bring the projects back to a functioning condition.</p> <p>In addition, completed contracts for the Landscaping for Clean Water program were inspected at one year and five years after installation. While these projects do not have Operation and Maintenance Plans, follow up with landowners and site-specific maintenance recommendations are important to assist owners in keeping the projects functional. Because of Covid-19 concerns with in-person inspections, initial contact was made with landowners through email. Photo responses from landowners were used when possible and on-site visits were done when requested by landowners and could be done safely. For 2020, a total of 59 LCW projects were inspected.</p>		

Grant Activity - Soil Erosion - 2019 Education and Outreach			
Description	<p>Education and Outreach. Funding will be used to coordinate and conduct educational workshops and outreach activities and develop and implement education strategies of the District. Including website content, social media, newsletters, public displays, press releases, and program fact sheets.</p> <p>This activity was increased \$11,600 with the amendment funding. The Education and Outreach Plan (2019-2022) is anticipated to be approved at the March 7, 2019 Board of Supervisors Meeting. The Education & Outreach mission is to support improved water quality and soil health by providing engaging, relevant, and applicable education and specific, relationship-based outreach that reaches all audiences. This additional funding will advance tactics in the plan.</p> <p>Dakota County SWCD Comprehensive Plan Objective 2, Strategy A; Objective 5, Strategy A, B and C; Objective 6, Strategy B.</p>		
	Category	EDUCATION/INFORMATION	
	Start Date	16-Oct-18	End Date
Has Rates and Hours?	Yes		
Actual Results	<p>Funding in this activity has been used toward purchasing signs (136) with the SWCD logo and will be installed at the site of each completed Landscaping for Clean Water (LCW) grant project.</p> <p>In 2020, due to the pandemic, all in-person events were moved online or outright cancelled beginning in March of 2020. Collaboration quickly became the word of the year as the pandemic caused many education and outreach professionals to think outside of the box with regards to the types of programs being offered, how to host workshops and how to best replicate the in-person engagement in the virtual world. The LCW program transitioned to being offered online. All classes and workshops were taught using pre-recorded videos and materials were shared with participants. Social media platforms (Facebook and Instagram), our quarterly newsletter, and press releases were used to update partners and communicate changes in our programming to a wide audience of stakeholders and community members. Over the course of the year, our social media platforms combined gained over 250 followers and reached a growing audience with content topics that included agriculture best management practices, river monitoring, and Landscaping for Clean Water programming.</p> <p>In the first quarter of 2021, staff used these funds for continued work on developing a new website that is more interactive and allows for acceptance of online payments. Staff hours were also allocated toward work on the 2020 Annual Plan as required by the State of Minnesota as well as collaborating with partners on outreach efforts.</p>		

Grant Activity - Soil Erosion - 2019 Technical Assistance

Description	<p>Technical Assistance. Funding will be used for technical site assessments, surveys, preliminary analysis and design, final design, construction supervision, installation, and completion of projects.</p> <p>Dakota County SWCD Comprehensive Plan Objective 1, Strategy A, C and D; Objective 2, Strategy A and B; Objective 3, Strategy A, B and C; Objective 6, Strategy A.</p>		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	16-Oct-18	End Date	14-May-21
Has Rates and Hours?	Yes		
Actual Results	<p>Staff provided technical assistance to 49 landowners regarding erosion control, stormwater issues, streambank and shoreline assessments, prairie plantings, vegetation management. The technical assistance provided included site visits, project design and review, contract management, and construction oversight. A total of 403.50 hours were used toward this activity.</p>		

Grant Activity - Water Storage and Treatment - 2019 Inventory and Assessments

Description	<p>Inventory and Assessments. Funding will be used for a Wetland and Water Retention Inventory, including a hydrology study to determine flood abatement opportunities. Other inventories that are needed.</p> <p>Dakota County SWCD Comprehensive Plan Objective 3, Strategy A and C.</p>		
Category	INVENTORY/MAPPING		
Start Date	16-Oct-18	End Date	14-May-21
Has Rates and Hours?	Yes		
Actual Results	<p>During calendar year 2020, the Minnesota Land Cover Classification System GIS data layer for Dakota County was overlaid on 2020 and 2018 imagery and reviewed to identify needed updates across the county. Identified MLCCS polygons were revised to match changed land cover features depicted in the imagery. Needed updates were coordinated with SWCD partners. The revised county data set was published to the MN Geospatial Commons for public distribution. (Unspent funds of \$7,187.95 in this activity were used for staff time on activities.)</p>		

Grant Attachments

Document Name	Document Type	Description
2019 QB Revenue Listing	Grant	2019 - SWCD Local Capacity Services (Dakota SWCD)
2019 SWCD Local Capacity Amendment	Grant Agreement Amendment	
2019 SWCD Local Capacity and Buffer Law Implementation	Grant Agreement	2019 SWCD Local Capacity and Buffer Law Implementation - Dakota SWCD
2019 SWCD Local Capacity and Buffer Law Implementation EXECUTED	Grant Agreement	2019 SWCD Local Capacity and Buffer Law Implementation - Dakota SWCD
2020 Time and Billable Rate	Grant	2019 - SWCD Local Capacity Services (Dakota SWCD)
2020 Time and Billable Rate	Grant	2019 - SWCD Local Capacity Services (Dakota SWCD)
2021 Time and Billable Rate	Grant	2019 - SWCD Local Capacity Services (Dakota SWCD)
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/23/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/31/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/16/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/31/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/06/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/01/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/29/2019
FY 19 County Local Capacity FundingLetter	Grant	2019 - SWCD Local Capacity Services (Dakota SWCD)
FY19 NLMP Dakota SWCD	Journal	Journal Dated - 03/22/2019
Invoice Expense	Grant	2019 - SWCD Local Capacity Services (Dakota SWCD)
QB Report for 2019 LCS	Grant	2019 - SWCD Local Capacity Services (Dakota SWCD)
Unexecuted Grant Amendment	Grant Agreement Amendment	
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 08/21/2018
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 04/17/2020
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 09/27/2018
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/13/2019