



# Grant Progress Report

## SWCD Local Capacity Services 2023

**Grant Title:** 2023 - SWCD Local Capacity Services (Anoka CD)

**Grant Award (\$):** \$136,725.00

**Grant Execution Date:** 01/26/2023

**Grant ID:** P23-2442

**Required Match (%):** 0

**Grant End Date:** 12/31/2025

**Grantee:** Anoka CD

**Required Match (\$):** \$0.00

**Fiscal Agent:**

**Grant Day-to-Day Contact:** Chris Lord

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$136,725.00	\$85,258.26	\$51,466.74
Match Funds	\$21,750.00	\$12,916.31	\$8,833.69
Other Funds	\$3,972.54	\$3,972.54	\$0.00
<b>Total</b>	<b>\$162,447.54</b>	<b>\$102,147.11</b>	<b>\$60,300.43</b>

\*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	Category	Source Type	Source Description	Budgeted	Spent	Balance Remaining	Match Fund?
Water Storage & Treatment - 2023 - Staff - A/C	Administration/Coordination	Current State Grant	2023 - SWCD Local Capacity Services (Anoka CD)	\$3,200.00	\$690.29	\$2,509.71	N
Water Storage & Treatment - 2023 -	Education/Information	Current State Grant	2023 - SWCD Local Capacity Services (Anoka CD)	\$17,500.00	\$18,774.86	(\$1,274.86)	N

<i>Activity Name</i>	<i>Category</i>	<i>Source Type</i>	<i>Source Description</i>	<i>Budgeted</i>	<i>Spent</i>	<i>Balance Remaining</i>	<i>Match Fund?</i>
Staff - E/I							
Water Storage & Treatment - 2023 - E/I	Education/Information	Current State Grant	2023 - SWCD Local Capacity Services (Anoka CD)	\$1,200.00		\$1,200.00	N
Water Storage & Treatment - 2023 - Staff - P/A	Planning and Assessment	Local Fund	Local Match	\$9,250.00	\$9,250.00	\$0.00	Y
Water Storage & Treatment - 2023 - P/A	Planning and Assessment	Current State Grant	2023 - SWCD Local Capacity Services (Anoka CD)	\$4,500.00	\$1,689.89	\$2,810.11	N
Water Storage & Treatment - 2023 - Staff - P/A	Planning and Assessment	Current State Grant	2023 - SWCD Local Capacity Services (Anoka CD)	\$7,000.00	\$9,078.84	(\$2,078.84)	N
Riparian Zone Management - 2023 - Staff - P/A	Planning and Assessment	Current State Grant	2023 - SWCD Local Capacity Services (Anoka CD)	\$15,600.00	\$15,600.00	\$0.00	N
Riparian Zone Management - 2023 - Cost Share	Streambank or Shoreline Protection	Local Fund	Local Match	\$12,500.00	\$3,666.31	\$8,833.69	Y
Riparian Zone Management - Cost Share - West 1335	Streambank or Shoreline Protection	Current State Grant	2023 - SWCD Local Capacity Services (Anoka CD)	\$1,353.74	\$1,353.74	\$0.00	N
Riparian Zone Management - Cost Share - West 1335	Streambank or Shoreline Protection	Other Funds	2023 - State Cost-Share Fund (Anoka CD)	\$1,986.27	\$1,986.27	\$0.00	N
Riparian Zone Management - 2023 - Protection	Streambank or Shoreline Protection	Current State Grant	2023 - SWCD Local Capacity Services (Anoka CD)	\$48,646.26	\$4,607.84	\$44,038.42	N

<i>Activity Name</i>	<i>Category</i>	<i>Source Type</i>	<i>Source Description</i>	<i>Budgeted</i>	<i>Spent</i>	<i>Balance Remaining</i>	<i>Match Fund?</i>
Cost Share							
Water Storage & Treatment - 2023 - Staff - T/E	Technical/Engineering Assistance	Current State Grant	2023 - SWCD Local Capacity Services (Anoka CD)	\$11,225.00	\$4,156.62	\$7,068.38	N
Riparian Zone Management - 2023 - Staff - T/E	Technical/Engineering Assistance	Current State Grant	2023 - SWCD Local Capacity Services (Anoka CD)	\$26,500.00	\$29,306.18	(\$2,806.18)	N

### Indicator Summary

<i>Indicator Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	3.25	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	2.15	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	1.69	Tons/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	3.07	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	3.61	Tons/Yr

Grant Activities

**Activity Name: Riparian Zone Management - 2023 - Cost Share**

**Activity Category:** Streambank or Shoreline Protection

**Staff time?:** No

**Description:** Shoreline stewardship - cost share - stabilization, buffers

ACD 2021-2030 Comp Plan (8-10) Shoreline and Streambank Stabilization

**Budget Details**

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Local Fund	Local Match	\$12,500.00	\$3,666.31	\$8,833.69	12/31/2023	Y
Current State Grant	2023 - SWCD Local Capacity Services (Anoka CD)	\$48,646.26	\$4,607.84	\$44,038.42	12/31/2023	N

## Actual Results

2023

Fertig – Crooked Lake - Shoreline Buffer - Biolog installation with aquatic planting and sloping lawn conversion to buffer –

60ft long x 15 deep = 900 sq ft.

0.07 lbs./Yr, Phosphorus

0.03 tons/Yr Sediment

BWSR Filter strip calc

Tiffany

Completed planting the project in 2023. Indicators and mapping completed in 2022 under 2022 Dist Cap.

Chamberlain

Riparian Buffer/Critical Area Planting, Mississippi River -

2750 Sq. Ft., 0.46 tons TSS, 0.39 lbs. TP

Dehn

Riparian Buffer/Critical Area Planting initiated. Mississippi River -

Completed - 360 Sq. Ft., 1.69 tons TSS, 1.43 lbs. TP. Anticipated 360 Sq. Ft. more planting area in 2024 but all indicators included in current calcs.

## Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Sediment (Tss)	2.15	Tons/Yr
Soil (Est. Savings)	1.69	Tons/Yr
Phosphorus (Est. Reduction)	3.25	Lbs/Yr

Activity Action Name:	Dehn critical area planting	Activity Count: 1
Practice Type:	342 - Critical Area Planting	Size/Units: 0.017 - Acres
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	Initiated in 2023, to be completed in 2024 - vegetation establishment upslope of prior riverbank toe stabilization	Install Date: 12/31/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	1.43	Bwsr Calc (Stream & Ditch Stabilization)	Mississippi River
Soil (Est. Savings)	Tons/Yr	1.69	Bwsr Calc (Stream & Ditch Stabilization)	Mississippi River

Activity Action Name:	Chamberlain critical area planting	Activity Count: 1
Practice Type:	342 - Critical Area Planting	Size/Units: 0.065 - Acres
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	vegetation establishment upslope of prior stabilized toe - initiated in 2023, to be completed in 2024	Install Date: 12/31/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	0.39	Bwsr Calc (Stream & Ditch Stabilization)	Mississippi River
Sediment (Tss)	Tons/Yr	0.46	Bwsr Calc (Stream & Ditch Stabilization)	Mississippi River

Activity Action Name:	Fertig lakeshore enhancement			Activity Count: 1
Practice Type:	580 - Streambank and Shoreline Protection			Size/Units: 60 - Cfu
TA Provider/JAA:	SWCD			Lifespan: 10 Years
Practice Description:	Biolog and vegetative buffer on mildly eroding lakeshore on Crooked Lake			Install Date: 12/31/2023
				Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	1.69	Bwsr Calc (Stream & Ditch Stabilization)	Crooked Lake
Phosphorus (Est. Reduction)	Lbs/Yr	1.43	Bwsr Calc (Stream & Ditch Stabilization)	Crooked Lake

Activity Name: Riparian Zone Management - 2023 - Staff - P/A						
Activity Category: Planning and Assessment					Staff time?: Yes	
Description: Assessment - Photo inventory and erosion analysis of lake or river bank condition.						
ACD 2021-2030 Comp Plan (8-11) Targeting Analysis - Erosion and shore condition						
Land Protection - Promote targeted enrollment of properties into conservation easements - Rum RIM						
ACD 2021-2030 Comp Plan (8-12) Easements - Rum RIM						
Budget Details						
Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	2023 - SWCD Local Capacity Services (Anoka CD)	\$15,600.00	\$15,600.00	\$0.00	12/31/2023	N

## Actual Results

2023

Complete shoreland photo inventory of Martin Lake, Linwood Lake, Coon Lake, Rum River and Mississippi River below the Coon Rapids Dam.

Combined with 2022 Dist Cap funding

Supplement RIM funding to promote conservation easements resulting in two finalized conservation easements totaling 52.4 acres in 2023 reported through the RIM program.



## Activity Name: Riparian Zone Management - 2023 - Staff - T/E

**Activity Category:** Technical/Engineering Assistance

**Staff time?:** Yes

**Description:** Shoreline Stewardship - Targeted outreach, design and installation oversight to shoreland owners for BMPs such as buffers, aquatic plantings, and stabilization.

ACD 2021-2030 Comp Plan (8-7) Shore and Bank - design, manage

Sunrise Lakes Shoreline Stabilizations - Targeted outreach to shoreland owners for BMPs such as buffers, aquatic plantings, and stabilization.

ACD 2021-2030 Comp Plan (8-7) Shore and Bank - design, manage

Wetland restoration - Provide planning and coordination assistance

ACD 2021-2030 Comp Plan (8-12) Wetland Restorations - Riparian areas

Reference wetland delineation updates - update boundary delineations for wetlands with long-term water level monitoring

ACD 2021-2030 Comp Plan (8-12) Wetland Restorations - Riparian areas

### Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2023 - SWCD Local Capacity Services (Anoka CD)	\$26,500.00	\$29,306.18	(\$2,806.18)	12/31/2023	N

## Actual Results

2023

Provided technical assistance to complete site assessment and project design for 8 lakeshore enhancement project on Martin Lake.

Completed targeted promotion resulting in engagement with three landowners with the potential to progress to design and installation.

Provided technical assistance for project site assessment, design, and/or construction management for 20 sites.

Assisted with project installation on two sites, West and Talle sites on the Mississippi River for Critical Area Plantings.

## Activity Name: Riparian Zone Management - Cost Share - West 1335

**Activity Category:** Streambank or Shoreline Protection

**Staff time?:** No

**Description:** Riparian buffer/critical area planting at the West property on the Mississippi River in Anoka

### Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2023 - SWCD Local Capacity Services (Anoka CD)	\$1,353.74	\$1,353.74	\$0.00	12/31/2023	N
Current State Grant	2023 - State Cost-Share Fund (Anoka CD)	\$1,986.27	\$1,986.27	\$0.00	12/31/2023	N

### Actual Results

2023 - West Riparian Buffer/Critical Area Planting; Mississippi River; 780 Sq. Ft., 3.61 tons TSS, 3.07 lbs. TP

### Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Phosphorus (Est. Reduction)	3.07	Lbs/Yr
Sediment (Tss)	3.61	Tons/Yr

Activity Action Name:	West-1335 riparian buffer/critical area planting			Activity Count: 1
Practice Type:	342 - Critical Area Planting			Size/Units: 0.018 - Acres
TA Provider/JAA:	SWCD			Lifespan: 10 Years
Practice Description:	Riparian Buffer/Critical Area Planting, Mississippi River; 780 Sq. Ft., 3.61 tons TSS, 3.07 lbs. TP			Install Date: 12/31/2023
				Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	3.61	Bwsr Calc (Stream & Ditch Stabilization)	Mississippi River
Phosphorus (Est. Reduction)	Lbs/Yr	3.07	Bwsr Calc (Stream & Ditch Stabilization)	Mississippi River

Activity Name: Water Storage & Treatment - 2023 - E/I						
Activity Category: Education/Information					Staff time?: No	
Description: Website Data Access Tool - Develop a web based tool to provide public access to ACD monitoring data - professional services						
ACD Comp Plan (page 2) - 'Utilize education and outreach in addition to technical and financial assistance to encourage natural resource stewardship.'						
Budget Details						
Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	2023 - SWCD Local Capacity Services (Anoka CD)	\$1,200.00		\$1,200.00		N
Actual Results						

## Activity Name: Water Storage & Treatment - 2023 - P/A

Activity Category: Planning and Assessment

Staff time?: No

Description: MPD Infiltrometer - test reports for urban soil health

ACD 2021-2030 Comp Plan (7-8) Urban Soil Health Research

360 camera for photo inventory updates

ACD 2021-2030 Comp Plan (8-11) Targeting Analysis - Erosion

### Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2023 - SWCD Local Capacity Services (Anoka CD)	\$4,500.00	\$1,689.89	\$2,810.11	12/31/2023	N

### Actual Results

2023

Purchase new 360 degree camera compatible with Google Streetview uploads to conduct shoreline inventories.

## Activity Name: Water Storage & Treatment - 2023 - Staff - A/C

Activity Category: Administration/Coordination

Staff time?: Yes

Description: Grant administration

2021 Annual Plan (16) - Grant administration

### Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2023 - SWCD Local Capacity Services (Anoka CD)	\$3,200.00	\$690.29	\$2,509.71	12/31/2023	N
<b>Actual Results</b>						
2023						
Administration of District Capacity grants						

<b>Activity Name: Water Storage &amp; Treatment - 2023 - Staff - E/I</b>						
<b>Activity Category:</b> Education/Information					<b>Staff time?:</b> Yes	
<b>Description:</b> Ag. Outreach - Promote installation of ag BMPs in priority areas.						
ACD 2021-2030 Comp Plan (8-12) Social Capacity - Promote individual and collective conservation action						
Staff Development - Professional and OTJ cross training per IDPs to secure JAA and certifications for applied technology and BMP design.						
ACD 2021-2030 Comp Plan (8-15) Staff Development						
Website Data Access Tool - Develop a web based tool to provide public access to ACD monitoring data						
ACD 2021-2030 Comp Plan - accountability to the public and funding entities is integrated throughout the comp plan. 2021 Annual Plan (19) Data Access						
<b>Budget Details</b>						
<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2023 - SWCD Local Capacity Services (Anoka CD)	\$17,500.00	\$18,774.86	(\$1,274.86)	12/31/2023	N

## Actual Results

2023

Promote ag. bmp funding opportunities to local producers contributing to 13 EQUIP applications and one local cost share incentive payment.

ACD employee training and development with the objective of securing JAA for projects and practices.

Staff time to manage ACD monitoring data access tool.

## Activity Name: Water Storage & Treatment - 2023 - Staff - P/A

**Activity Category:** Planning and Assessment

**Staff time?:** Yes

**Description:** Project Profiles - Develop project profiles and Storymap with narratives, photos, summarized costs and benefits.

ACD 2021-2030 Comp Plan - accountability to the public and funding entities is integrated throughout the comp plan. 2021 Annual Plan (13) Project Profiles

Website Dashboard - Develop comp plan pace of progress dashboards for ACD and WMOs

ACD 2021-2030 Comp Plan - accountability to the public and funding entities is integrated throughout the comp plan.

ACD Planning

### Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2023 - SWCD Local Capacity Services (Anoka CD)	\$7,000.00	\$9,078.84	(\$2,078.84)	12/31/2023	N
Local Fund	Local Match	\$9,250.00	\$9,250.00	\$0.00	12/31/2023	Y

## Actual Results

2023

Complete 2024 annual plan and minor updates to the comp plan.

Developed 30 project profiles and Storymap with narratives, photos, summarized costs and benefits for completed projects.

Dashboard development to show progress toward comp plan and annual plan goals and objectives.

<https://experience.arcgis.com/experience/ccebe39e9d214eceb7f28928ff0dc875/>

## Activity Name: Water Storage & Treatment - 2023 - Staff - T/E

**Activity Category:** Technical/Engineering Assistance

**Staff time?:** Yes

**Description:** BMP Inspection & Maint. Guidance - BMP inspection and maintenance/enhancement guidance preferably to extend benefits beyond their O&M requirements

ACD 2021-2030 Comp Plan: Stormwater BMPs - maintain (8-6), Shore and Bank BMPs - maintain (8-7).

Water Quality Project Services - Project promotion, design and management services for BMPs that improve water quality.

ACD 2021-2030 Comp Plan (8-6) Stormwater BMPs - design, manage

### Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2023 - SWCD Local Capacity Services (Anoka CD)	\$11,225.00	\$4,156.62	\$7,068.38	12/31/2023	N

## Actual Results

2023

Following inspection of 75 previously installed BMPs, ACD technical staff provided maintenance guidance to landowners.