



Grant Progress Report

Projects and Practices 2024

Grant Title: Sunrise Chain of Lakes Shoreland Stabilization – Phase 2

Grant ID: C24-0027

Grantee: Anoka CD

Fiscal Agent: Anoka CD

Grant Day-to-Day Contact: Chris Lord

Grant Award (\$): \$107,000.00

Required Match (%): 10

Required Match (\$): \$10,700.00

Grant Execution Date: 03/29/2024

Grant End Date: 12/31/2026

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$107,000.00	\$107,000.00	\$0.00
Match Funds	\$10,700.00	\$5,144.48	\$5,555.52
Other Funds	\$44,419.03	\$30,195.38	\$14,223.65
Total	\$162,119.03	\$142,339.86	\$19,779.17

*Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.

Project Abstract	<p>This project will achieve pollutant reductions within a chain of lakes with a hard-won trend of improving water quality. We will expand a successful program started with a 2023 CWF grant to install shoreline stabilization projects with near-shore native plant buffers and in-lake aquatic plantings. We will stabilize at least 300 linear feet of shoreline resulting in at least 8 lbs/yr of phosphorus and 5 tons/yr of sediment reduction. This project is small budget and modest scale, but a critical finish-line kick to reach goals after many other larger projects that have nearly achieved goals.</p> <p>We will prioritize work at Martin Lake where we have nearly achieved removal from the State impaired waters list. The lake has moved from being 65% over the state nutrient standard (2007-2016) to being within 4% (last 5 yr average). At this lake we have completed a shoreland inventory (with 2023 update planned) to identify the most eroding and erosion-prone shores, secured 8 projects to install in spring 2024 with a FY2023 CWF grant, & have a waiting list of interested landowners.</p>
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Secondarily, we will prioritize Linwood Lake (within 1% of state nutrient standard) and Coon Lake (priority protection lake). These lakes also have shoreland inventories. Linwood is upstream of Martin Lake. Both are upstream of the regionally significant Sunrise and St. Croix Rivers.

This application is phase 2 of a program started with a 2023 CWF grant. Five months after receiving those grant funds we've encumbered all of the construction dollars, increased the budget 19% with unanticipated funds, and anticipate achieving 2x the promised pollutant reductions and linear feet of lakeshore. We've generated a waiting list. And we've only worked at the top priority lake: Martin.

Proposed Measurable Outcomes

We will install at least 300 linear feet of shoreline stabilization including native aquatic and near shore plants. Measurable outcomes will include 8 lbs/yr of phosphorus and 5 tons of sediment reduction.

Budget Details

<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>
Administration	Administration/Coordination	Current State Grant	Sunrise Chain of Lakes Shoreland Stabilization – Phase 2	\$3,500.00	\$2,524.61	\$975.39	N
Project Development	Project Development	Current State Grant	Sunrise Chain of Lakes Shoreland Stabilization – Phase 2	\$7,000.00	\$7,047.94	(\$47.94)	N
Shoreland Protection	Streambank or Shoreline Protection	Current State Grant	Sunrise Chain of Lakes Shoreland Stabilization – Phase 2	\$0.00		\$0.00	N
Shoreland Protection - Linked	Streambank or Shoreline Protection	Current State Grant	Sunrise Chain of Lakes Shoreland Stabilization – Phase 2	\$74,500.00	\$72,223.74	\$2,276.26	N
Shoreland Protection - Linked	Streambank or Shoreline Protection	Other Funds	2024 - Conservation Contracts (Anoka CD)	\$8,799.38	\$8,799.38	\$0.00	N
Shoreland Protection - Linked	Streambank or Shoreline Protection	Other Funds	2025 - Conservation Contracts (Anoka CD)	\$13,896.00	\$13,896.00	\$0.00	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>
Shoreland Protection - Linked	Streambank or Shoreline Protection	Other Funds	FY25 WBIF - Sunrise River WMO	\$14,223.65		\$14,223.65	N
Technical/Engineering	Technical/Engineering Assistance	Current State Grant	Sunrise Chain of Lakes Shoreland Stabilization – Phase 2	\$22,000.00	\$25,203.71	(\$3,203.71)	N
Shoreland Protection	Streambank or Shoreline Protection	Landowner Fund	Landowner	\$0.00		\$0.00	Y
Shoreland Protection - Linked	Streambank or Shoreline Protection	Landowner Fund	Local funds	\$7,500.00	\$7,500.00	\$0.00	Y
Shoreland Protection - Linked	Streambank or Shoreline Protection	Landowner Fund	Local funds	\$10,700.00	\$5,144.48	\$5,555.52	Y

Indicator Summary

<i>Indicator Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Sediment (Tss)	5	Tons/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	8	Lbs/Yr

<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	10.84	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	9.65	Tons/Yr

Grant Activities

Activity Name: Administration

Activity Category: Administration/Coordination **Staff time?:** Yes

Description: Staff time for grant administration and reporting. Tasks include annual eLINK reporting (e.g. activity progress and budget updates), coordination of expense reports and payments, contracting and project financial management.

Primary staff and credentials include:
 Jamie Schurbon, Watershed Projects Manager. BS and MS in ecology. Since 2001 managing water projects at ACD. JAA 590 (streambank and shoreline protection)
 Chris Lord, District Manager. BS in natural resources. Since 1999 at ACD managing water and ecological projects, and financial management
 Kathy Berkness, Office Admin, since 2005 at ACD managing finances.

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	Sunrise Chain of Lakes Shoreland Stabilization – Phase 2	\$3,500.00	\$2,524.61	\$975.39	12/31/2025	N

Actual Results

<u>Results</u>	<u>Date Added</u>
2024 - Bookkeeping and elink.	1/28/2025 3:21:19 PM
2025 - Bookkeeping and elink.	1/28/2026 11:24:41 AM

Activity Name: Project Development

Activity Category: Project Development

Staff time?: Yes

Description: Promote the program and secure willing landowners from a pool of targeted properties.

Primary staff and credentials include:

Jamie Schurbon, Watershed Projects Manager. BS and MS in ecology. Since 2001 managing water projects at ACD. JAA 590 (streambank and shoreline protection)

Breanna Keith, Water Resources Technician. BS and MS in environmental studies. Since 2021 assisting water projects at ACD.

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	Sunrise Chain of Lakes Shoreland Stabilization – Phase 2	\$7,000.00	\$7,047.94	(\$47.94)	12/31/2024	N

Actual Results

<u>Results</u>	<u>Date Added</u>
2024 - Outreach to promote program (materials development, direct mailings, door knockings, engagement with cities and lake groups); completed site visits to build a pool of candidate projects; ranked and selected projects for installation in 2025 or 2026 based on anticipated benefits to the priority lakes	1/28/2025 3:22:16 PM
2025 - No activity.	1/28/2026 11:25:07 AM

Activity Name: Shoreland Protection

Activity Category: Streambank or Shoreline Protection

Staff time?: Yes

Description: Materials and labor for lakeshore stabilization.

This project will deliver 300 lf of shoreline stabilization/restoration resulting in 8 lbs/yr phosphorus reduction and 5 tons/yr sediment reduction to Coon, Martin, and/or Linwood Lakes. We will prioritize Martin Lake and secondarily Coon and Linwood Lakes. While Martin lake is a priority, we will take a system approach working throughout the chain of lakes, and outreach will include all three lakes. After outreach, the ACD will score all sites with interested landowners based on factors like erosive stresses, current and imminent erosion, pollutant reduction, cost:benefit, ecological secondary benefits, and likelihood of success. Priority points will be given to projects at Martin Lake, while also allowing for projects at the other lakes. Work will be completed by contractors selected by ACD per MN competitive bidding law. Projects to be designed by ACD staff in accordance with NRCS practice standards 580 and/or 342 with an effective life of 10 years. Projects assurances include a landowner contract for operations and maintenance during the effective life and inspections by ACD staff.

Primary staff and credentials include:

Jamie Schurbon, Watershed Projects Manager. BS and MS in ecology. Since 2001 managing water projects at ACD. JAA 590 (streambank and shoreline protection)

Mitch Haustein, Stormwater and Shoreland Specialist. BS and MS in ecology. Since 2010 managing water projects at ACD. JAA 590 (streambank and shoreline protection)

Carrie Taylor, Restoration Ecologist. BS geological sciences and MS in land rehabilitation. Since 2016 managing ecological projects at ACD. JAA 342 (critical area planting)

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>
Landowner Fund	Landowner	\$0.00		\$0.00		Y
Current State Grant	Sunrise Chain of Lakes Shoreland Stabilization – Phase 2	\$0.00		\$0.00		N

Actual Results

<u>Results</u>	<u>Date Added</u>
2024 - No Activity	1/28/2025 3:30:04 PM
2025 - see linked activity for shoreline projects.	1/28/2026 11:25:32 AM

Activity Name: Shoreland Protection - Linked

Activity Category: Streambank or Shoreline Protection

Staff time?: No

Description: This activity is a subset of the Shoreland Protection activity for linking grants C24-0027 & C25-0126. Activity description below is a copy of the activity descriptions for both grants. We will achieve deliverables of both grants through the linked activity, other Shoreland Protection activity of each grant, or a combination.

C24-0027 DESCRIPTION

Materials and labor for lakeshore stabilization.

This project will deliver 300 lf of shoreline stabilization/restoration resulting in 8 lbs/yr phosphorus reduction & 5 tons/yr sediment reduction to Coon, Martin, &/or Linwood Lakes. We will prioritize Martin Lake and secondarily Coon & Linwood Lakes. While Martin lake is a priority, we will take a system approach working throughout the chain of lakes, & outreach will include all three lakes. After outreach, the ACD will score all sites with interested landowners based on factors like erosive stresses, current and imminent erosion, pollutant reduction, cost:benefit, ecological secondary benefits, & likelihood of success. Priority points will be given to projects at Martin Lake, while also allowing for projects at the other lakes. Work will be completed by contractors selected by ACD per MN competitive bidding law. Projects to be designed by ACD staff in accordance with NRCS practice standards 580 &/or 342 with an effective life of 10 yrs. Projects assurances include a landowner contract for operations and maintenance during the effective life & inspections by ACD staff.

C25-0126 DESCRIPTION

This project will shoreline stabilization at properties identified in shoreline inventories at Martin, Linwood &/or Coon Lakes, which drain to the Sunrise River. Projects to be designed by ACD staff in accordance with NRCS practice standards 580 &/or 342 with an effective life of 10 years. Each project will have an ownership and maintenance agreement, typically with the property owner.

Outcomes: Stabilize at least 100 linear ft of shoreline achieving 2 lb/yr P reduction.

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	Sunrise Chain of Lakes Shoreland Stabilization – Phase 2	\$74,500.00	\$72,223.74	\$2,276.26	11/17/2025	N
Current State Grant	2024 - Conservation Contracts (Anoka CD)	\$8,799.38	\$8,799.38	\$0.00	11/17/2025	N
Current State Grant	2025 - Conservation Contracts (Anoka CD)	\$13,896.00	\$13,896.00	\$0.00	11/17/2025	N
Landowner Fund	Local funds	\$7,500.00	\$7,500.00	\$0.00	11/17/2025	Y
Current State Grant	FY25 WBIF - Sunrise River WMO	\$14,223.65		\$14,223.65		N
Landowner Fund	Local funds	\$10,700.00	\$5,144.48	\$5,555.52	11/17/2025	Y

Actual Results

Results Date Added

2024 - No expenses.	1/28/2025 2:04:31 PM
2025 - 9 shoreline restoration projects installed.	1/28/2026 11:26:06 AM

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Phosphorus (Est. Reduction)	10.84	Lbs/Yr
Sediment (Tss)	9.65	Tons/Yr

Activity Action Name:	Martin Lakeshore Resto - Kline	Activity Count: 1
Practice Type:	580 - Streambank and Shoreline Protection	Size/Units: 190 - Linear Feet
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:		Install Date: 10/23/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	2.57	Other	Martin Lake
Phosphorus (Est. Reduction)	Lbs/Yr	4.1	Other	Martin Lake

Activity Action Name:	Martin Lakeshore Resto - Carlson	Activity Count: 1
Practice Type:	580 - Streambank and Shoreline Protection	Size/Units: 60 - Linear Feet
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:		Install Date: 10/23/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	0.36	Other	Martin Lake
Phosphorus (Est. Reduction)	Lbs/Yr	0.58	Other	Martin Lake

Activity Action Name:	Coon Lakeshore Resto - Krogmann	Activity Count: 1
Practice Type:	580 - Streambank and Shoreline Protection	Size/Units: 50 - Linear Feet
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:		Install Date: 10/23/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	1.25	Other	Coon Lake
Phosphorus (Est. Reduction)	Lbs/Yr	2	Other	Coon Lake

Activity Action Name: Linwood Lakeshore Resto - Hanna				Activity Count: 1
Practice Type: 580 - Streambank and Shoreline Protection				Size/Units: 110 - Linear Feet
TA Provider/JAA: SWCD				Lifespan: 10 Years
Practice Description:				Install Date: 10/23/2025
				Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	2.86	Other	Linwood Lake

Activity Action Name: Coon Lakeshore Resto - Bouley				Activity Count: 1
Practice Type: 580 - Streambank and Shoreline Protection				Size/Units: 85 - Linear Feet
TA Provider/JAA: SWCD				Lifespan: 10 Years
Practice Description:				Install Date: 10/23/2025
				Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	0.43	Other	Coon Lake
Phosphorus (Est. Reduction)	Lbs/Yr	0.68	Other	Coon Lake

Activity Action Name: Linwood Lakeshore Resto - Kirchhoff				Activity Count: 1
Practice Type: 580 - Streambank and Shoreline Protection				Size/Units: 180 - Linear Feet
TA Provider/JAA: SWCD				Lifespan: 10 Years
Practice Description:				Install Date: 10/23/2025
				Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	1.35	Other	Linwood Lake
Phosphorus (Est. Reduction)	Lbs/Yr	2.16	Other	Linwood Lake

Activity Action Name:	Linwood Lakeshore Resto - Ramsey	Activity Count: 1
Practice Type:	580 - Streambank and Shoreline Protection	Size/Units: 75 - Linear Feet
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:		Install Date: 10/23/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	0.36	Other	Linwood Lake
Sediment (Tss)	Tons/Yr	0.23	Other	Linwood Lake

Activity Action Name:	Martin Lakeshore Resto - Bibus	Activity Count: 1
Practice Type:	580 - Streambank and Shoreline Protection	Size/Units: 60 - Linear Feet
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:		Install Date: 10/23/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	0.24	Other	Martin Lake
Phosphorus (Est. Reduction)	Lbs/Yr	0.38	Other	Martin Lake

Activity Action Name: Martin Lakeshore Resto - Smith				Activity Count: 1
Practice Type: 580 - Streambank and Shoreline Protection				Size/Units: 90 - Linear Feet
TA Provider/JAA: SWCD				Lifespan: 10 Years
Practice Description:				Install Date: 10/23/2025
				Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	0.58	Other	Martin Lake
Sediment (Tss)	Tons/Yr	0.36	Other	Martin Lake

Activity Name: Technical/Engineering

Activity Category: Technical/Engineering Assistance

Staff time?: Yes

Description: Staff time for project coordination including landowner meetings, survey, design, permit applications, bidding, contractor coordination, landowner agreements, and similar.

Primary staff and credentials include:

Jamie Schurbon, Watershed Projects Manager. BS and MS in ecology. Since 2001 managing water projects at ACD. JAA 590 (streambank and shoreline protection)

Mitch Haustein, Stormwater and Shoreland Specialist. BS and MS in ecology. Since 2010 managing water projects at ACD. JAA 590 (streambank and shoreline protection)

Carrie Taylor, Restoration Ecologist. BS geological sciences and MS in land rehabilitation. Since 2016 managing ecological projects at ACD. JAA 342 (critical area planting)

Breanna Keith, Water Resources Technician. BS and MS in environmental studies. Since 2021 assisting water projects at ACD.

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	Sunrise Chain of Lakes Shoreland Stabilization – Phase 2	\$22,000.00	\$25,203.71	(\$3,203.71)	12/31/2025	N

Actual Results

<u>Results</u>	<u>Date Added</u>
2024 - Completed survey work and corresponding design concepts for all selected project sites. Generated anticipated cost estimates and water quality benefits for each	1/28/2025 3:31:47 PM
2025 - Design and construction management for 9 shoreline restoration projects.	1/28/2026 11:26:33 AM