



Grant Progress Report

Projects and Practices 2020

Grant Title: Sunrise River Chain of Lakes Carp Management

Grant ID: C20-5613

Grantee: Anoka CD

Fiscal Agent: Anoka CD

Grant Day-to-Day Contact: Chris Lord

Grant Award (\$): \$148,000.00

Required Match (%): 25

Required Match (\$): \$37,000.00

Grant Execution Date: 04/06/2020

Grant End Date: 12/31/2022

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$148,000.00	\$120,017.50	\$27,982.50
Match Funds	\$37,000.00	\$29,974.55	\$7,025.45
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$185,000.00	\$149,992.05	\$35,007.95

*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?
Administration/Coordination	Administration/Coordination	Local Fund	SRWMO, Martin Lakers Assoc, Linwood Lake Imp Assoc	\$3,072.00	\$3,480.53	(\$408.53)	Y
Carp Management	Non-Structural Management Practices	Local Fund	SRWMO, Martin Lakers Assoc, Linwood Lake Imp Assoc	\$8,160.00	\$6,410.00	\$1,750.00	Y
Carp Management	Non-Structural Management	Current State Grant	Current State Grant	\$148,000.00	\$120,017.50	\$27,982.50	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>
	Practices						
Supplies/Equipment	Supplies/Equipment	Local Fund	SRWMO, Martin Lakers Assoc, Linwood Lake Imp Assoc	\$10,749.00	\$4,507.42	\$6,241.58	Y
Technical/Engineering	Technical/Engineering Assistance	Local Fund	SRWMO, Martin Lakers Assoc, Linwood Lake Imp Assoc	\$15,019.00	\$15,576.60	(\$557.60)	Y

Indicator Summary

<i>Activity Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Non-Structural Management Practices	Water Pollution (Reduction Estimates)	1230	Phosphorus (Est. Reduction)

<i>Activity Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Non-Structural Management Practices	Water Pollution (Reduction Estimates)	1230	Phosphorus (Est. Reduction)

Grant Activities

Activity Name: Administration/Coordination

Activity Category: Administration/Coordination

Has Rates and Hours?: 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.

Milestones: Annual reporting by Feb 1 in Elink. Project Maintenance Plan prepared and approved by ACD prior to project completion.

Staff and qualifications: Jamie Schurbon, ACD Watershed Projects Mgr (M.S. Env. Studies, 19 yrs water project mgmt.); Kathy Berkness, ACD Office Administrator, 14 yrs of ACD financial mgmt.; Chris Lord, ACD District Mgr, 20+ yrs ACD mgmt.

Project Assurances: ACD will lead and maintain carp reduction accomplishments during this project's effective life. The ACD will memorialize this commitment in an agreement between the ACD and BWSR, the initial draft of which is attached in eLINK. That agreement references the project feasibility studies (and any future updates) and a Project Maintenance Plan. The Project Maintenance Plan will be prepared by ACD prior to project completion, and approved by ACD after BWSR review. Additionally, the ACD is requesting that the Sunrise River Watershed Management Organization approve an agreement with ACD to collaborate to maintain the project accomplishments. The ACD shall make management information and progress updates available to BWSR upon request and as part of ACD's annual reporting.

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	SRWMO, Martin Lakers Assoc, Linwood Lake Imp Assoc	\$3,072.00	\$3,480.53	(\$408.53)	12/31/2022	Y

Actual Results

2020 - Contractor contracts. Elink reporting.

2021 - Contractor contracts. Elink reporting.

2022 - Contractor contracts. Elink reporting.

Activity Name: Carp Management

Activity Category: Non-Structural Management Practices

Has Rates and Hours?: Yes

Description: Carp removals and related equipment, tagging, telemetry and surveys throughout the Sunrise River Chain of Lakes with focus on Martin, Typo and Linwood Lakes. Management may expand to Island Lake (between Martin and Linwood Lakes) if data finds this is warranted to meet goals throughout the chain.

Contractors: ACD is selecting contractors. Four contractors will be contacted. Amongst those who respond and who offer the desired services, direct negotiation will occur. Desired services include box netting, seining or other carp removal services, may include radio tagging and tracking, PIT tagging and tracking, population tracking towards goals, and related.

Milestones: Contractor selection in spring 2020. Annual contractor contracts thereafter. Annual carp removals in Martin and Typo Lakes. Two years of carp removals in Linwood Lake. Brief reports in 2021 and 2022 documenting progress toward goals and management recommendations.

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	SRWMO, Martin Lakers Assoc, Linwood Lake Imp Assoc	\$8,160.00	\$6,410.00	\$1,750.00	12/20/2021	Y
Current State Grant	Current State Grant	\$148,000.00	\$120,017.50	\$27,982.50	11/20/2022	N

Actual Results

2020 - In 2020 the following carp removals occurred: one seine at Linwood Lake, 15 box nettings at Martin Lake. Total carp removed was 746.

2021 - In 2021 the following carp removals occurred: one seine at Linwood Lake, one seine at Martin Lake, 15 box nettings at Typo Lake. Total carp removed was 1,014.

2022 - Setup for spring spawning migration nettings at Linwood and Martin Lakes which were not executed due to not detecting sufficient carp activity. Four box nettings (each with 4 nets) at Typo Lake removing 497 carp. Three box nettings (each with 6 nets) at Martin Lake removing 389 carp.

While the number of carp removed by this grant was below the grant goal, we found that other measures of success were good, particularly water quality improvements similar to those anticipated in the grant application. Such benefits are detailed in the attached Project Maintenance Plan. Also in recognition of catching fewer carp, 19% of the grant was not spent and returned to the State.

Final Indicators		
<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
METALS (MERCURY IN WATER COLUMN) - PPB	1230	Ppb

Activity Action Name:	Carp management	Activity Count:	1
Practice Type:	392M - Fish Management	Size/Units:	2876 - Acre-Feet/Yr
TA Provider/JAA:	SWCD	Lifespan:	10 Years
Practice Description:	3 lakes. Approx 11,000 carp removal goal to achieve 89 lbs/ac carp biomass.	Install Date:	09/26/2022
		Mapped:	Yes
Indicator Name/Units	Value	Calculation Tool	Waterbody
METALS (MERCURY IN WATER COLUMN) - PPB	1230	Other	Sunrise River chain of lakes

Activity Name: Supplies/Equipment						
Activity Category: Supplies/Equipment						Has Rates and Hours?: Yes
Description: Corn bait, PIT tags, radio tags, carp netting supplies.						
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	SRWMO, Martin Lakers Assoc, Linwood Lake Imp Assoc	\$10,749.00	\$4,507.42	\$6,241.58	10/11/2022	Y

Actual Results

2020 - Purchased bait for box netting and completed box netting.

2021 - Purchased bait for box netting and completed box netting. Purchased public outreach signage and installed.

2022 - Purchased bait for box netting and completed box netting. Purchased in-water fencing materials for spring carp migration removals.

Activity Name: Technical/Engineering

Activity Category: Technical/Engineering Assistance

Has Rates and Hours?: Yes

Description: Staff time for project coordination including contractor, equipment and volunteer coordination; supervision; and similar.

Milestones: Annual carp removals in 2020, 2021 and 2022.

Staff and qualifications: Jamie Schurbon, ACD Watershed Projects Mgr, (M.S. env. studies, 19 yrs water projects management); Chris Larson, ACD District Technician (B.S. in natural res field, 4+ yrs project assistance);

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	SRWMO, Martin Lakers Assoc, Linwood Lake Imp Assoc	\$15,019.00	\$15,576.60	(\$557.60)	03/31/2022	Y

Actual Results

2020 - Staff time to coordinate one Linwood Lake seine and three Martin Lake box nettings. Planning for 2021 carp removals.

2021 - Staff time to coordinate one Linwood Lake seine, one Martin Lake seine, and 15 Typo Lake box nettings. Planning for 2022 carp removals.

2022 - The 2022 tech/engineering staff time was paid with non-match, non-grant funds. Work included coordination of spring spawning migration nettings at Linwood and Martin Lakes and box netting at Martin and Typo Lakes using 10 volunteer-baited sites.