



## Grant All-Detail Report Projects and Practices 2020

**Grant Title** - Sunrise River Chain of Lakes Carp Management

**Grant ID** - C20-5613

**Organization** - Anoka CD

Original Awarded Amount	<b>\$148,000.00</b>	Grant Execution Date	<b>4/6/2020</b>
Required Match Amount	\$37,000.00	Original Grant End Date	12/31/2022
Required Match %	25%	Grant Day To Day Contact	Jamie Schurbon
Current Awarded Amount	\$148,000.00	Current End Date	12/31/2022

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$148,000.00	\$61,592.50	\$86,407.50
Total Match Amount	\$37,000.00	\$26,075.79	\$10,924.21
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$185,000.00</b>	<b>\$87,668.29</b>	<b>\$97,331.71</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	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Administration/Coordination	Administration /Coordination	Local Fund	SRWMO, Martin Lakers Assoc, Linwood Lake Imp Assoc	\$3,072.00	\$2,594.64	12/31/2021	Y
Carp Management	Non-Structural Management Practices	Current State Grant	Current State Grant	\$148,000.00	\$61,592.50	12/20/2021	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Carp Management	Non-Structural Management Practices	Local Fund	SRWMO, Martin Lakers Assoc, Linwood Lake Imp Assoc	\$8,160.00	\$6,410.00	12/20/2021	Y
Supplies/Equipment	Supplies/Equipment	Local Fund	SRWMO, Martin Lakers Assoc, Linwood Lake Imp Assoc	\$10,749.00	\$1,994.55	12/28/2021	Y
Technical/Engineering	Technical/Engineering Assistance	Local Fund	SRWMO, Martin Lakers Assoc, Linwood Lake Imp Assoc	\$15,019.00	\$15,076.60	12/31/2021	Y

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
392M - Fish Management	1		11000 COUNT	COUNT

### Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
<b>Carp Management</b>	PHOSPHORUS (EST. REDUCTION)	1230 LBS/YR	Sunrise River Chain of Lakes including Typo, Martin, Linwood Lakes, Sunrise River and St. Croix River	Other	Calc by Dr. Przemek Bajer at U of M and Anoka SWCD. Based on literature and field data.

### Final Indicators Summary

Indicator Name	Total Value	Unit
<b>PHOSPHORUS (EST. REDUCTION)</b>	1,230.00	LBS/YR

## Grant Activity

Grant Activity - Administration/Coordination	
<b>Description</b>	<p>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.</p> <p>Milestones: Annual reporting by Feb 1 in Elink. Project Maintenance Plan prepared and approved by ACD prior to project completion.</p> <p>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.</p> <p>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.</p>
<b>Category</b>	ADMINISTRATION/COORDINATION
<b>Start Date</b>	<b>End Date</b>
<b>Has Rates and Hours?</b>	Yes
<b>Actual Results</b>	2020 - Contractor contracts. Elink reporting.

**Grant Activity - Carp Management**

<b>Description</b>	<p>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.</p> <p>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.</p> <p>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.</p>		
<b>Category</b>	NON-STRUCTURAL MANAGEMENT PRACTICES		
<b>Start Date</b>		<b>End Date</b>	
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	2020 - In 2020 the following carp removals occurred: one seine at Linwood Lake, three box nettings at Martin Lake. The box nettings used four, seven, and four nets respectively. Total carp removed was 746.		

Activity Action - Carp management			
<b>Practice</b>	392M - Fish Management	<b>Count of Activities</b>	1
<b>Description</b>	3 lakes. Approx 11,000 carp removal goal to achieve 89 lbs/ac carp biomass.		
<b>Proposed Size / Units</b>	11,000.00 COUNT	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	COUNT	<b>Installed Date</b>	
<b>Mapped Activities</b>	No	<b>Technical Assistance Provider</b>	

Final Indicator for Carp management			
<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	1230
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	Other
<b>Waterbody</b>	Sunrise River chain of lakes		

Grant Activity - Supplies/Equipment		
Description	Corn bait, PIT tags, radio tags, carp netting supplies.	
Category	SUPPLIES/EQUIPMENT	
Start Date		End Date
Has Rates and Hours?	No	
Actual Results	2020 - Purchased bait for box netting and completed box netting.	

Grant Activity - Technical/Engineering		
Description	<p>Staff time for project coordination including contractor, equipment and volunteer coordination; supervision; and similar.</p> <p>Milestones: Annual carp removals in 2020, 2021 and 2022.</p> <p>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);</p>	
Category	TECHNICAL/ENGINEERING ASSISTANCE	
Start Date		End Date
Has Rates and Hours?	Yes	
Actual Results	2020 - Staff time to coordinate one Linwood Lake seine and three Martin Lake box nettings. Planning for 2021 carp removals.	

## Grant Attachments

Document Name	Document Type	Description
<b>2020 Competitive Grant</b>	Grant Agreement	2020 Competitive Grant - Anoka CD
<b>2020 Competitive Grant EXECUTED</b>	Grant Agreement	2020 Competitive Grant - Anoka CD
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 04/07/2021
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/26/2022
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/22/2021
<b>Application</b>	Workflow Generated	Workflow Generated - Application - 09/09/2019
<b>Linwood Lake Carp Management Feasibility Study</b>	Grant	Sunrise River Chain of Lakes Carp Management

Document Name	Document Type	Description
<b>Martin and Typo Lakes Carp Management Feasibility Study</b>	Grant	Sunrise River Chain of Lakes Carp Management
<b>Project Assurance Agreement-Signed</b>	Grant	Sunrise River Chain of Lakes Carp Management
<b>Project assurances agreement-draft2</b>	Grant	Sunrise River Chain of Lakes Carp Management
<b>SRWMO-ACD project assurances</b>	Grant	Sunrise River Chain of Lakes Carp Management
<b>Sunrise River Chain of Lakes Carp Mgmt Image</b>	Grant	Sunrise River Chain of Lakes Carp Management
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 04/02/2020
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 01/22/2020
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 03/27/2020
<b>comments on Project Assurances</b>	Journal	Journal Dated - 03/27/2020
<b>grantmap_24291_2019-09-06_01-30-39-PM.jpg</b>	Grant	Sunrise River Chain of Lakes Carp Management