

Morrison County Aquatic Invasive Species (AIS)
Partnership Grant Report
End of Project for 2021

1. Detailed accounting of our grant fund revenue and expenditures:

AIS Management Actual Expenses	Revenue	Expenditures
\$15,593.95	\$1,843.00	\$10,762.20
		(PLM Lake&Land-Herbicide) \$4,455.00
		(Waterfront Rest. -Scuba) \$225.49
		(Augers' pontoon rental) \$151.26
		(AIS Public Notice)
	\$3,270.00	
	(MNDNR-AIS Control Grant)	
AIS Sign Repair \$740.00	\$1,500.00	\$740.00
		(S. Zahler/Contractor)
AIS Watercraft Ambassador Program \$10,777.97	\$10,000.00	\$10,150.75
		(Ambassador Pay) \$627.22
		(Ambassador Expenses 2 storage trunks, 2 chairs, towels, gloves, plastic bags)
AIS Vegetation Surveys \$2,600.00	\$3,500.00	\$350.00
		(AIS early season Survey) \$2,250.00
		(AIS late season Survey)
	Total Revenue	\$20,113.00
\$29,711.92	Total Expenses	

2. Project review and how the project met the Aquatic Invasive Species Prevention Plan Action Items identified within our grant application.

A. Cultivate partnerships with organizations interested in AIS prevention (e.g., lake associations) to support AIS in water

- bodies (infested and non-infested) and on docks and lifts. Assist with funding local outreach and monitoring efforts by entities other than the county. (Action in state plan: ii-3-b & ii-1-h)
- B. Coordinate with the MNDNR to publicize new infestations at access sites in lake association newsletters and other local publications. (Action in state plan: ii-8-1- & 11-15-c)
- C. Using MNDNR's list of water bodies that are designated as infested in the county, identify linkages to other water bodies. Coordinate with the MNDNR to publicize new infestations at access sites, in lake association newsletter and other local publications. (Action in state plan: i-1-c,11-8-1 and ii-15-c)
- D. Assist with funding local outreach and monitoring efforts by entities other than the county. Establish a grant program to support local efforts to prevent the spread of AIS. (ii-1-h & iv-3-c)

3. Delineation Findings by Freshwater Scientific Services.

FINDINGS

Previously managed areas of EWM appear to be well controlled. However, we found several locations where the EWM density warrants treatment with herbicide. We found two new areas along the southern shore where EWM has established patches of denser growth. We have marked these areas for potential treatment and highly recommend treating these areas in the fall of 2021 to limit spread and minimize any herbicide damage to lilies and bulrush in the vicinity of plot 4.

We have also included a map and table of potential hand-pull locations where only a few solitary EWM plants were found.

See attachments, below.

4. Eurasian Water Millfoil Survey and Hand Harvest Conducted by Waterfront Restoration, LLC Sept 30, 2021

FINDINGS

1. All the Eurasian Water Millfoil from Hand-pull points 1 through 12 were removed.
2. All 5 herbicide treated areas were surveyed and remaining patches of EWM were removed from each.
3. The results of herbicide in "Herbicide area 3" were less effective noting medium density patches of EWM remaining throughout that area. The divers were able to remove isolated patches, but large with medium density remain.
4. The patch noted by Bob Ingle was found but not removed and is recommended for future herbicide treatment.
5. 4 additional plots were identified for future herbicide treatment due to medium and high densities of EWM and were too dense for divers to remove EAM within. See linked map for locations.

6. Herbicide area 1,2 and 4, the divers noted the herbicides worked well within.
7. No additional areas were identified with EWM fanning out from Shamineau Acres (NW Bay) and Augers (SW Bay).

The Freshwater and the Waterfront Restoration Survey are attached.

LSLID Ambassadors: Bob Koll, Tim Rice, Lisa Holien, Katie Philipsek, Ashlyn Haste, Hudson Hutton-Lau.

We all took the new online Ambassador training and completed a Required Background Check. Christine Hokkala-Kuhns, Regional Watercraft Inspection Supervisor was our supervisor.

Total Ambassador Hours on Site

Katie 33 – Lisa 128.5 – Hudson 223.05 – Ashlyn 270.5 – Tim & Bob (voluntary)