











Kanabec County's AIS Prevention Aid Program: A Snapshot of Accomplishments in 2022

Program Summary

In Kanabec County the Kanabec SWCD and Lake Associations are working jointly to control and eradicate aquatic invasive species. Funding for AIS work is solely to prevent the introduction or limit the spread of AIS at all access sites within the County. This is a coordinated effort with lake assn. members through the COLA (Coalition of Lake Associations) group, which helps to set policy on utilizing these funds. (funds come from the State via. the County as reimbursements) The Kanabec SWCD Board has oversight on the AIS activities and funds. Coordinated efforts with the COLA group aid us in expanded educational opportunities and outreach on water quality projects, such as shoreland restoration. In 2022 one seasonal boat inspector was hired with AIS aid to inspect watercraft on 10 public accesses on 8 lakes in the county. The Watercraft Inspectors assisted with the Kanabec COLA's goal of increased Education, Prevention, and Data on lake usage.

Category	Metrics
	<p>AIS Prevention Aid Used</p> <p>\$ <u>49,938.94</u> AIS Prevention Aid used in calendar year 2022 \$ <u>24,568.56</u> saved in a contingency fund \$ <u>27,500.00</u> saved in a Decontamination Unit fund</p>
	<p>People Doing AIS Work</p> <p><u>1</u> full-time staff with <u>7.3</u> % of their time dedicated to AIS work <u>1</u> part-time and seasonal staff with <u>100</u> % of their time dedicated to AIS work <u>1</u> Level 1 Watercraft Inspectors <u>0</u> Level 2 Watercraft Inspectors <u>40</u> % of aid used in 2022 for staff wages <u>34</u> volunteers conducting AIS work <u>79</u> volunteer hours served</p>
	<p>Partnerships</p> <p>Local organizations engaged and/or actively conducting aid-funded AIS work: <u>6</u> lake associations <u>1</u> conservation nonprofits and/or outdoor groups (angling, hunting, paddling, sailing, etc.) <u>0</u> schools and/or youth organizations <u>6</u> businesses <u>3</u> local governments Our county has an AIS Task Force or Committee: Yes </p>
	<p>Funds Distributed, Contributed and Leveraged</p> <p>\$ <u>29,159.44</u> in grants awarded (aid to other organizations) <u>1</u> organizations awarded grants \$ <u>7,290</u> in funds contributed by other organizations to directly support aid-funded work (<i>DNR Grants for Curly-Leaf Pondweed Treatments</i>) <u>6</u> organizations contributing additional funds \$ <u>32,845.47</u> in other funds leveraged <i>Match/In-kind from Lake Associations</i></p>
	<p>Communities Engaged</p> <p><u>2</u> events held about AIS or that included AIS topics <u>115</u> residents and visitors directly contacted/engaged about AIS during events <u>0</u> posts on social media seen by <u>0</u> followers \$ <u>0</u> spent on paid advertisements (billboards, TV, radio, <i>newspaper</i>, social media, etc.)</p>

Category	Metrics
 Watercraft Inspected	<p><u>127</u> children taught about AIS</p> <p>\$ <u>10,935.58</u> spent on watercraft inspection</p> <p><u>877</u> inspections performed</p> <p><u>387</u> hours of inspections performed</p> <p><u>10</u> accesses covered by inspectors</p> <p><u>8</u> water bodies covered by inspectors</p> <p><u>94</u> % of watercraft recorded as arriving with drain plugs out</p> <p><u>0</u> decontamination units in operation by Level 2 inspectors</p> <p><u>0</u> decontaminations performed</p> <p><u>0</u> boaters engaged by AIS Volunteers/Ambassadors at water accesses</p>
 Law Enforcement Supported	<p>\$ <u>N/A</u> provided to local law enforcement officers to enforce AIS laws</p> <p><u>N/A</u> local law enforcement officers trained in 2021 on AIS laws</p> <p><u>N/A</u> local law enforcement officers conducting AIS work</p> <p><u>N/A</u> boaters contacted by local law enforcement</p>
 Monitoring Conducted	<p><u>5</u> total lakes and rivers surveyed for AIS. Surveys included:</p> <p><u>5</u> early detection searches on <u>5</u> water bodies</p> <p><u>1</u> zebra mussel settling plates deployed on <u>1</u> water bodies</p> <p><u>0</u> veliger tows taken on <u>0</u> water bodies</p> <p><u>6</u> aquatic plant surveys conducted on <u>6</u> water bodies</p> <p><u>1</u> new detections in the county</p> <p><u>2</u> volunteers trained and/or active as AIS Detectors</p> <p><u>4</u> people participated in the University of Minnesota Extension and Minnesota AIS Research Center's "Starry Trek" event</p> <p>List of species monitored: <u>Curly-Leaf Pondweed, Zebra Mussels</u></p>
 New Infestation Response Planning	<p><u>0</u> new infestation response(s) coordinated</p> <p>Our county has a new infestation response plan: No</p>
 Invasive Aquatic Plant Management (IAPM)	<p>\$ <u>29,129.88</u> spent on IAPM</p> <p><u>5</u> water bodies with aid-funded IAPM activities</p> <p><u>6</u> groups involved or conducting aid-funded IAPM work</p> <p>\$ <u>32,385.47</u> in other funds leveraged for IAPM work (Match/In-Kind)</p> <p><u>Additional funds used from Quamba Lake and Knife Lake Curly-Leaf Pondweed Treatments</u></p> <p>List of species controlled: <u>Curly Leaf Pondweed</u></p>

Program Spending Summary

Budget Category	County: AIS Prevention Aid Spent in 2022	Local Grants: AIS Prevention Aid Awarded in 2022	Description
Public Outreach and Education	\$3,716.18	N/A	Funds spent on education/outreach
Watercraft Inspection	\$10,935.58	N/A	Boat Inspector salary & boat inspection equipment and mileage
Enforcement	\$0	N/A	N/A
Monitoring	\$0	N/A	N/A
New Infestation Response	\$0	N/A	N/A
Invasive Aquatic Plant Management	\$28,454.88	N/A	Curly Leaf Pondweed Control on 5 Lakes in Kanabec County (Ann, Fish, Lewis, Knife & Quamba Lakes) totaling 116.1 acres
Other	\$6,157.30		AIS Coordination SWCD
Totals:	\$49,263.94		

Success Stories

- During the 2022 Kanabec County AIS Starry Trek event no new invasive species were sampled from the surveyed public accesses on Pomroy, Knife, Fish and Lewis Lakes. However, on Lake Mora Chinese Mystery Snails were identified.
- During the 2022 Boat inspection season no new invasive species infestations were discovered at any of the County's ten lake public accesses.
- Our boat inspector distributed 2022 AIS pledge stickers for boaters to display on their boat's winch post. These were generally well received and used by boaters.

Multi-County Collaborations

Reports and Products

Photo(s) of AIS Activities

- Joyce Frick shared this picture of the DNR working on a fish survey on Lewis Lake.

