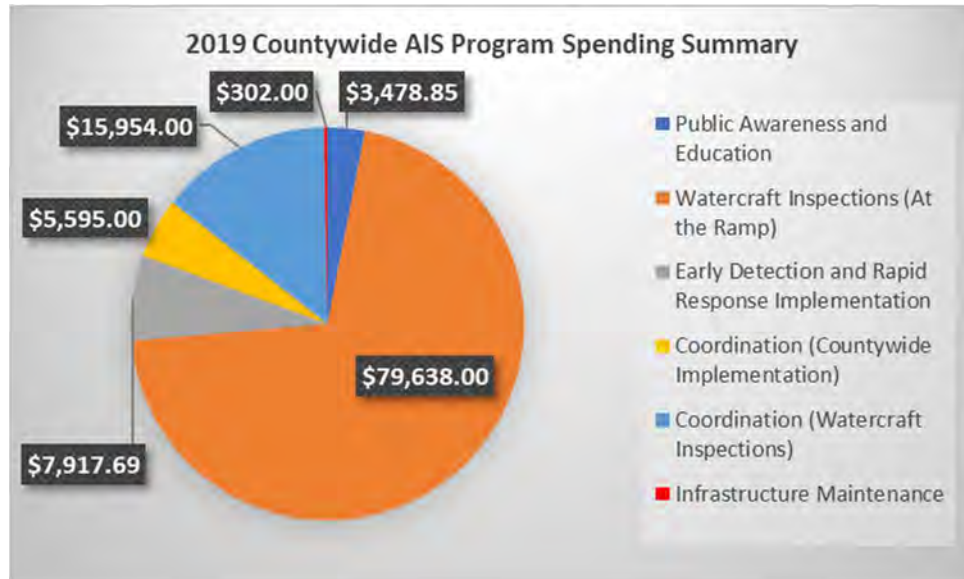


Attachment B: 2019 Report of Accomplishments

Aquatic Invasive Species Prevention Aid Funds to Washington Conservation District

Results will be reported at the beginning of December 2019, or when the program is completed. Please update the reporting document monthly to ensure all data is collected and to provide updates as requested by the county.

- I. Program Overall: Collaborative countywide education, inspection, and rapid response program to benefit multiple communities, watershed and parks to help prevent the spread of aquatic invasive species (AIS) in Washington County.
 - a. Program spending summary (Pie chart of funds going to specific activities. Please include management costs as own activity.)



b.

Number of full-time staff: 3	Percent of time dedicated to AIS duties:
Sr. Water Resource Specialist	25%
Sr. Water Resource Education Specialist	10%
Sr. Water Resource Education Technician	10%

c.

Number of part-time staff: 11	Percent of time dedicated to AIS duties:
Lead Watercraft Inspector	100%
Watercraft Inspector (40hr/wk)	100%
Watercraft Inspector (20hr/wk)	50-100%

- II. Public Awareness and Education: The Washington Conservation District will conduct education for the general public, water users, and lake associations. The District will train citizen volunteers through the University of Minnesota AIS Early Detectors program, conduct workshops to share information about AIS, purchase traditional and social media advertising to support AIS enforcement, and distribute information via their newsletter.

- a. Number of citizens trained as AIS Detectors:
4

Total hours spent volunteering:
Waiting for UMN Report

- b. Number, title, and location of workshops held about AIS:

Number	Title	Location
1	Regional Lake Associations Meeting	Mahtomedi

- i. Number residents/visitors reached during workshops:
24
 - ii. Number of residents/visitors from Ramsey, Chisago, and Washington County at each workshop:
24
 - iii. Names of lake associations engaged with:
Bald Eagle, Big Marine, Bone, Clear, Demontreville/Olson, Forest, Elmo, Lily, Silver, Square, White Bear
- c. Impressions gained through media advertising:
104,274
- d. Number of newsletters published:
6
 - i. Number of recipients on list:
48,337
- e. Number and location of public events provided AIS information at:
1-BCWD Community Event, Stillwater
- f. Estimated hours and cash costs spent on Public Awareness and Education:
44 hours of staff time (\$2,747 labor costs), \$731.85 expenses

III. Watercraft Inspections: The District will hire seasonal staff to conduct watercraft inspections at public launches throughout the county.

- a. Number of seasonal watercraft inspectors hired:
11
- b. Total hours spent inspecting:
3169

- c. Total number of inspections performed:
8989
- d. Number of accesses covered by inspectors:
16
- e. Number of waterbodies covered by inspectors:
12
- f. Season dates inspections performed:
4/25/2019 – 10/27/2019
- g. Types of violations and the number found of each:
 - Drain Plug In- 224 out of 5343 (entering)
 - 7 were directed to leave the access to drain water
 - Plants/Animals Found- 339 out of 5336 (entering)
 - 6 ZM violations
 - 3 on Big Marine
 - 1 on Mississippi River
 - 1 on Demontreville
 - 1 on Square
- h. Any additional information from data collected during inspections:
[Click here to enter text.](#)
- i. Estimated hours and cash cost spent on Watercraft Inspections:
3,186 hours of staff time (\$79,638 labor costs)

IV. Early Detection and Rapid Response Implementation: The District will conduct professional monitoring to detect new AIS infestations at priority lakes and launches. This will include: weekly checks of all public access points in the County (excluding Forest Lake and the St. Croix River), and conducting whole lake meander surveys on Big Marine, Big Carnelian, and Square Lakes.

- a. Number of staff performing weekly checks:
1
- b. Number of volunteers performing weekly checks:
1
- c. Names of lakes lake meander surveys performed on:
Big Marine (targeted), Square, Bone
- d. Reports completed for DNR upon request:

- e. Estimated hours and cash cost spent on Early Detection and Rapid Response Implementation:
169 hours of staff time (\$7,598 labor costs), \$319.69 expenses

V. Coordination, Oversight, and Reporting: The District will review and provide recommendations for AIS treatment projects happening at a local level. Coordinate Washington County activities with state/local agencies, lake associations and citizen groups. Maintain signage and infrastructure installed with previous funding cycles. Replace previously installed signage at one location annually as needed. Supervise and coordinate the countywide Watercraft Inspection Program.

- a. Provide program management costs and hours for each activity:

Program	Management Costs	Hours
Coordination (Countywide Implementation)	\$5,595	82
Coordination (Watercraft Inspections)	\$15,954	256
Infrastructure Maintenance	\$302	6

- b. Provide additional contributions leveraged from local organizations:

CMSCWD-\$11,000
 VBWD-\$6,500
 City of Scandia-\$2,500
 BMLA-\$2,000
 Ramsey SWCD-\$6,000
 Square LA-\$1,500

- c. Number and name of stakeholders (state/local agencies, lake associations and citizen groups) coordinated with:

Stakeholders: 10	
Minnesota DNR	Valley Branch WD
Carnelian Marine St. Croix WD	Ramsey Soil and Water Division
Bone Lake Association	Clear Lake Association
Big Marine Association	Lake Demontreville Olson Association
Square Lake Association	City of Scandia

- d. Number of signs maintained:

2

- e. Number and location of signage replaced:

Forest Lake East, Oneka (repaired)

VI. Success Stories

- a. Insert a story or two of success:
- The Early Detection survey program consisting of weekly access checks for zebra mussels successfully identified a new introduction of ZM's to Bone Lake. The rapid response framework that was developed in 2016 with multiple partners helped facilitate a multi-agency collaboration resulting in a (hopeful) eradication treatment of ZM's in Bone Lake. This effort was highlighted state-wide through the media and professional circles.
 - The watercraft inspection program prevented a high-risk introduction of ZM's to Big Marine Lake in late July. Through the many partnerships that have been forged to supplement that program, an inspector was present at a access that otherwise would not be high enough priority to justify limited resources being allocated to it. The MNDNR highlighted this event via a press release in early August (see attached).

VII. Photos of AIS Activities with Labels

See attached. WCD, CLFLWD, MNDNR, Chisago County, Blue Water Science, EOR and PLM Staff collaborated to install floating barriers in preparation for eradication treatment of ZM's detected in Bone Lake as part of the EDRR countywide program.

Washington County Lakes Meeting

Monday, May 13, 6-7:30pm
Wildwood Library, Mahtomedi

Guest speaker:

Julia Bohnen, MN Aquatic Invasive Species Research Center

May 13, 6-7:30pm at the Wildwood Library
763 Stillwater Rd, Mahtomedi, MN 55115

Join us for an informative networking event for Washington County lake associations

- Share and hear updates on local water quality improvement efforts and AIS prevention and management efforts
- Talk with representatives from the Washington Conservation District and area watershed districts
- Learn about new research from the MN Aquatic Invasive Species Research Center (MNAISRC)
- Learn about Phragmites, a new aquatic invasive species in our area

Register at: tinyurl.com/May13Lakes

For more info, contact :

Angie Hong at 651-330-8220 x.35 or angie.hong@mnwcd.org





**PROTECT BIG MARINE LAKE.
BECOME AN AIS DETECTOR.**
TO LEARN MORE, VISIT WWW.MAISRC.UMN.EDU/AIS-DETECTOR



JOIN THE 220 DETECTORS WHO
HAVE RECEIVED HIGH QUALITY,
SCIENTIST REVIEWED TRAINING
AND RESOURCES.



10,000
THERE ARE 10,000 LAKES
AND NOT ENOUGH STAFF. WE
NEED AN ALL-HANDS APPROACH
TO FIGHT AIS.



JOIN A NETWORK OF CERTIFIED
AIS DETECTORS AND CONNECT
WITH EXPERTS FROM UMN
EXTENSION AND MN DNR.

Developed & Sponsored by



UNIVERSITY OF MINNESOTA | EXTENSION
in partnership with the
MINNESOTA AQUATIC INVASIVE SPECIES RESEARCH CENTER



WHAT CAN I EXPECT?

Registration includes participation in an online course, a full day workshop, printed course guide, and the new AIS field guide. Certification takes approximately 16 hours. Once certified, detectors must complete 25 hours of volunteer service every year.

PROGRAM FEE: \$195, FREE FOR WASHINGTON COUNTY RESIDENTS.

The Washington Conservation District has funding available to sponsor county residents who want to take the AIS Detector training course.

PLEASE CONTACT LAUREN HAYDON TO ASK ABOUT SPONSORSHIP.

LHAYDON@MNWCD.ORG | [651] 330-8220 X 24



Minnesota DNR News

For Immediate Release:

August 15, 2019

Contact: *Adam Doll, DNR watercraft inspection program coordinator, St. Paul, 651-259-5056, adam.doll@state.mn.us.*

Zebra mussel introduction prevented by county inspector

County efforts with local prevention aid and DNR partnerships put inspectors on lakes

A vigilant Washington County watercraft inspector prevented the introduction of zebra mussels to Big Marine Lake in Washington County, which is currently not known to be infested with the harmful invasive species.

Nearly 1,000 watercraft inspectors were hired this year and trained by the Minnesota Department of Natural Resources (DNR). County watercraft inspectors are funded by a portion of the \$10 million Minnesota counties receive to prevent the spread of aquatic invasive species.

The Washington County inspector said the sides and bottom of a boat entering a Big Marine access appeared to be clean. Upon checking more closely, she spotted live zebra mussels on vegetation that had not been cleaned from the boat's anchor. The boat's operators said the boat had been on White Bear Lake earlier that day, where zebra mussels were confirmed in 2014.

The investigation into the incident is ongoing. First-time offenders trying to bring a watercraft with invasive species onto a lake that is not known to have that invasive species face up to a \$500 fine.

"If not for the vigilance of this DNR-trained county watercraft inspector, zebra mussels would have been introduced to Big Marine Lake," DNR Watercraft Inspection Program Coordinator





HELP STOP AQUATIC HITCHHIKERS!

NOTICE
HIGH WATER ORDINANCE
IN EFFECT

During periods of High Water, no person shall Operate a Watercraft at a greater than Slow-No Wake speed within 300 feet of the shoreline of Bone Lake.

City of Scandia Ordinance No. 155, Section 2

ATTENTION

NO BOATING
NO SWIMMING
NO WETS

The Active Outlet

 Metrohobby

WATERCRAFT
 NO WAKE





Johnson

YAMAHA

PIHLAY & LANDOGI

