



Aquatic Invasive Species Prevention Plan for Morrison County

INTRODUCTION

Aquatic invasive species (AIS) are threatening Minnesota waters. These nonnative species have the potential to harm fish populations, water quality, and water recreation. This plan outlines the efforts that Morrison County will undertake to help prevent the spread of harmful AIS within Minnesota.

AIS are an emerging issue within Morrison County. Few waters within the County are infested with invasive species at this time so the County has a unique opportunity to implement some prevention strategies to protect the waters within Morrison County. The Comprehensive Water Plan identifies efforts lake associations and lake improvement districts have made to treat invasives and the importance of that work. As the Water Plan is revised in 2015, AIS will undoubtedly have more of a presence within the plan.

The impetus of this plan has come from the 2014 allotment of the Aquatic Species Prevention Aid. These first steps into AIS prevention include ground level education of likely users of Morrison County’s water resources as well as a bolstering of the ongoing efforts many lake associations/improvement districts have already undertaken, as well as the inspections the Department of Natural Resources provides within Morrison County, and the services provided by the Permitted Lake Service Providers.

ACTIONS

Table 1. Actions that Morrison County plans to implement in order to prevent the spread of AIS include many elements contained within the state plan. In the following table, where applicable, related actions and elements from the state plan are cross-referenced.

Action	How action supports AIS prevention	Element in state plan	Action in state plan
Assess the county’s resources and risk of AIS introduction			
Educate County staff to understand the variety of pathways of introduction to local waters.	Knowing the common pathways by which AIS can be spread is essential to effective prevention and education.	Prevention – Understand Risks	I-1-c
Using MNDNR’s list of water bodies that are designated as infested in the county, identify linkages to other water bodies.	Some AIS may travel or be more easily transported between infested waters and other connected water bodies; knowing these linkages will help prioritize prevention and education resources.	Prevention – Understand Risks	I-1-c

Action	How action supports AIS prevention	Element in state plan	Action in state plan
Increase public awareness and participation in prevention			
Develop informal education materials for events such as the water festival to support youth education about AIS.	Young people can help prevent the spread of AIS through their own actions and by modeling their knowledge and actions to their families.	Prevention – Public Awareness	I-8-g
Develop and distribute AIS prevention messages targeting riparian landowners who launch watercraft from their own private residential access	Many watercraft enter lakes and rivers from private residential property and are not reached by education and prevention efforts directed at public accesses and cooperating private non-residential accesses	Prevention – Public Awareness	I-8-a & e
Collaborate with other counties, watershed groups, and/or jurisdictions whose water bodies connect to the county’s to develop a regional education campaign.	Because AIS and the individuals who could transport them do not stay inside county borders, effective coordination is necessary to prevent AIS spread.	Prevention – Regional Approaches	I-9-a
Explore partnership opportunities with existing outreach efforts developed by the MNDNR and the Minnesota Sea Grant Program.	Leveraging existing communications materials ensures that the public receives accurate messages about rules and best practices related to AIS prevention.	Early Detection, Rapid Response, and Containment – Public Awareness	II-8-d
Develop tailored messages aimed at lake-related businesses (e.g., home builders, developers, resorts) regarding AIS prevention.	Ensuring that individuals are aware of AIS prevention measures that they can take in the course of their daily work will help to reduce the risk of AIS spread.	Early Detection, Rapid Response, and Containment – Public Awareness	II-8-f
Coordinate with the MNDNR to publicize new infestations at access sites, in lake association newsletters, and other local publications.	Timely and accurate notice of new AIS infestations empowers the public to help prevent the further spread of AIS.	Early Detection, Rapid Response, and Containment – Public Awareness II-8-i Early Detection, Rapid Response, and Containment – Risk Reduction II-15-c	

Action	How action supports AIS prevention	Element in state plan	Action in state plan
Increase available resources and leverage partnerships			
Develop and maintain contacts with other local organizations, businesses, and government entities.	The participation of local partners is necessary for a county's AIS prevention plan to be effective.	Leadership and Coordination - Local	IV-3-a
Broaden knowledge of and participation in early detection and rapid response activities			
Obtain and distribute Watch ID cards from the Minnesota Sea Grant Program.	Finding new infestations of AIS early is key to preventing further spread, and ensuring that many people who use water resources know what AIS to look for maximizes the chance of early detection.	Early Detection, Rapid Response, and Containment – Detection	II-1-b
Encourage county staff, businesses, and individuals to submit samples of suspected AIS to the MNDNR.	The county can support early detection and prevention efforts by helping the MNDNR to quickly confirm new infestations of AIS.	Early Detection, Rapid Response, and Containment – Detection	II-1-d
Cultivate partnerships with organizations interested in AIS prevention (e.g., lake associations) to support AIS surveys in water bodies (infested and non-infested) and on docks and lifts.	Leveraging the resources of existing organizations will help to find new AIS infestations more efficiently and to prevent further spread of those AIS.	Early Detection, Rapid Response, and Containment – Prioritize	II-3-b

IMPLEMENTATION

It is the intent of Morrison County that some of the efforts outlined in the chart above shall begin in 2015 and shall continue as funding and partnerships become available. The Morrison County Planning and Zoning Department shall be responsible for the implementation of these activities related to AIS prevention. The Planning and Zoning Department shall partner with outside agencies and stakeholders as deemed appropriate to further its' AIS work.

UPDATING AND AMENDING THE PLAN

This plan will be reviewed annually by the Planning and Zoning Department and updated as needed.

APPENDICES

Appendix A: Morrison County Water Bodies infested with AIS

Appendix B: Riparian Property Ownership in Morrison County

Appendix C: Morrison County Public Access Map

Appendix D: List of Permitted Lake Service Providers in Morrison County

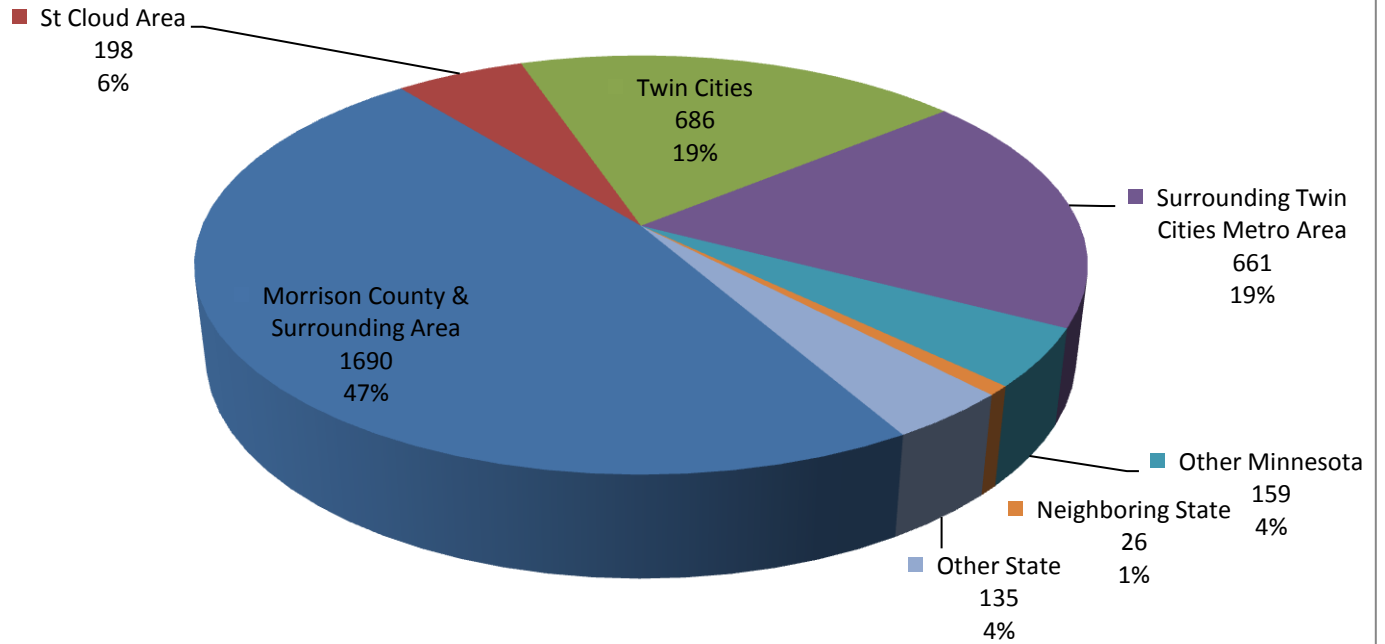
Appendix E: DNR 2014 Planned Inspection Hours at Morrison County Accesses

Appendix A: MNDNR List of Infested Waters in Morrison County

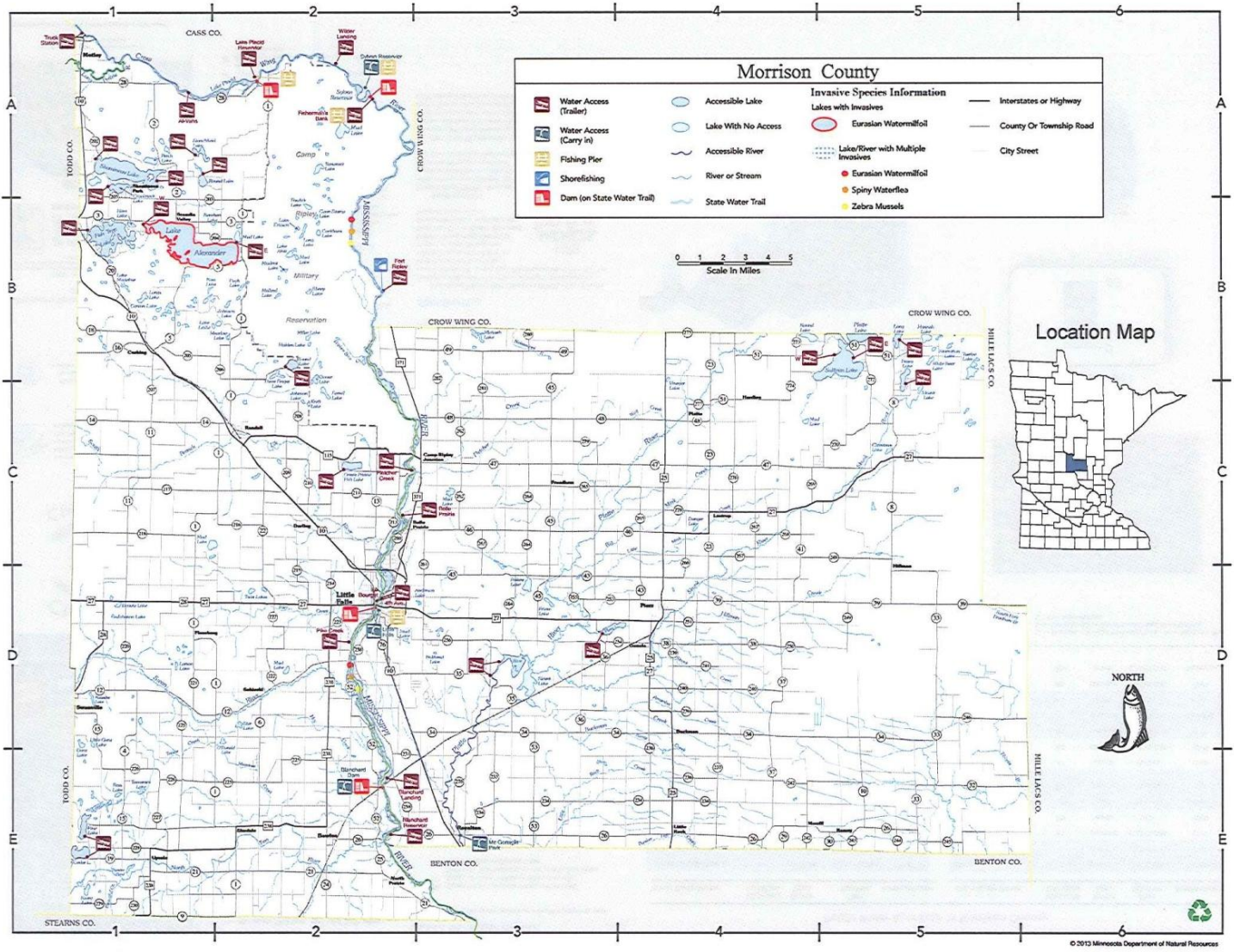
Water body	Species	DOW Number
Alexander	Eurasian watermilfoil	49-0079
Shamineau	Eurasian watermilfoil	49-0127
Crow Wing River from Highway 87 in Hubbard County downstream to the confluence with the Mississippi River, including 500 feet upstream into its tributaries	Faucet Snail	
Mississippi River, from 500 feet upstream of the mouth of the Pine River in Crow Wing County to the Minnesota-Iowa border, including 500 feet upstream into its tributaries	Zebra mussel	

Appendix B: Riparian Ownership within Morrison County

Breakdown of Riparian Property Owners in Morrison County



Appendix C: Morrison County Public Access Map and Access Administrators



Public Water Accesses in Morrison County

Water Body Name	Map Grid Location	Ramp Type	Fish Species	Administrator	Water Body Name	Map Grid Location	Ramp Type	Fish Species	Administrator	
Alexander Lake (West)	B1	concrete	C, LB, N, S, SB, W	DNR	Peavy Lake	C5	concrete	LB, N, S, W	DNR	
Alexander Lake (East)	B2	concrete	C, LB, N, S, SB, W	DNR	Pierz Lake	D3	concrete	C, LB, N, S, W	DNR	
Codar Lake	E1	concrete	C, LB, N, S, W	DNR	Pine Lake	E1	concrete	C, LB, N, S, W	DNR	
Crook Neck Lake	A1	concrete	C, LB, N, S, W	DNR	Rice Lake	D3	earth	N/A	DNR	
CROWWING RIVER	Truck Station	A1	concrete	Various	DNR	Platte River	D3	earth	Various	DNR
	Al-Vah's	A1	concrete	Various	DNR	Platte River (McGonagle Park)	E3	carry in	Various	City
	Lake Placid Reservoir	A2	concrete	Various	DNR	Round Lake	A1	gravel	Various	DNR
	Lake Placid Reservoir	A2	fishing pier	Various	DNR	Round Lake	B2	concrete	C, LB, N, S, W	DNR
	Wilder's Landing	A2	concrete	Various	DNR	Shamaineau Lake	A1	concrete	C, LB, N, S, W	DNR
	Sylvan Reservoir	A2	carry in	Various	DNR	Shamaineau Lake	A1	concrete	C, LB, N, S, W	Township
	Fisherman's Bank	A2	concrete	Various	DNR	Stanchfield Lake	A1	earth	N, W	DNR
Green Prairie Fish Lake	C2	concrete	C, N, S	DNR	Sullivan Lake (E)	B5	concrete	C, LB, N, S, W	DNR	
Fish Trap Lake	B1	concrete	C, LB, N, S, W	DNR	Sullivan Lake (W)	B5	gravel	C, LB, N, S, W	Township	
Long Lake	B5	earth	C, N, S, W	Township						
MISSISSIPPI RIVER	Fort Ripley Landing	B2	concrete	Various	DNR					
	Fletcher Creek Landing	C2	concrete	Various	DNR					
	Belle Prairie	C2	concrete	Various	County					
	Lt. Falls, 4th Av Landing	D2	concrete	Various	City					
	Lt. Falls - LeBourget Park	D2	concrete	Various	City					
	Little Falls	D2	fishing pier	Various	City					
	Lt. Falls below Dam	D2	earth	Various	City					
	Pike Creek	D2	concrete	Various	County					
	Blanchard Dam	E2	concrete	Various	MPL					
	Blanchard Reservoir	E2	concrete	Various	MPL					
Blanchard Landing	E2	concrete	Various	MPL						

Fish Species: C — Crappie, LB — Largemouth Bass, N — Northern Pike, S — Sunfish, SB — Smallmouth Bass, W — Walleye, N / A — Not Available



Administrator: DNR - MN Dept. of Natural Resources
MPL - Minnesota Power and Light

Appendix D: Permitted Lake Service Providers in Morrison County

County	City	Business Name	AIS Decontamination Service?	Phone
Morrison	Cushing	Hilltop Sports & Services	Yes	320-749-2280
Morrison	Cushing	Lake Country Landscaping, Inc.	Yes	320-749-3020
Morrison	Cushing	Staples Sports	Yes	218-575-2086
Morrison	Hillman	B&B Shore Service	Yes	320-630-5059
Morrison	Hillman	Bucks Outfitters	Yes	320-277-3765
Morrison	Hillman	Melvin & Steven Janson	Yes	320-232-7658
Morrison	Little Falls	Larson Boats, LLC	Yes	320-632-1490
Morrison	Little Falls	Boaters Dream	Yes	320-632-2356
Morrison	Little Falls	Shirley Mae's Outfitters LLC	Yes	320-414-0382
Morrison	Little Falls	Wolters Marine LLC	Yes	
Morrison	Motley	Action Dock & Boat Lift Services	Yes	612-414-7277
Morrison	Motley	Doucette Docking	Yes	218-575-2072
Morrison	Royalton	A & A Docks & Boat Lifts	Yes	320-290-7849
Morrison	Royalton	Newmans Industries	Yes	320-584-6319
Morrison	Swanville	Boater's Dream Marine Services	Yes	320-632-8152

Appendix E: 2014 MNDNR statewide inspection program allocation (in hours).

Access Name	Water body	Infested?	Species	MNDNR Hours
Fish Trap Lake	Fish Trap Lake	False		50
Alexander East	Alexander	True	EWM	60
Alexander West	Alexander	True	EWM	60
Shamineau West	Shamineau	True	EWM	60
Miss – LF Below Dam	Mississippi River	True	ZM	175
Miss – LF East Bank	Mississippi River	True	ZM	0
Miss – Zebulon Pike Res	Mississippi River	True	ZM	0

Adopted December 16, 2014

Chair
Morrison County Board of Commissioners

Clerk