

## Carver County Aquatic Invasive Species Program Evaluation Logic Model

			OUTCOMES		
INPUTS	ACTIVITIES	OUTPUTS	SHORT TERM	LONG TERM	
<b>INSPECTION</b>					
<p>* \$130,000 in program funding- \$100K from DNR + \$30K from levy</p> <p>* Staff time from 1 employee at Carver County Water Management Organization (CCWMO), Paul, to oversee all aspects of the AIS program</p> <p>* Office space and technology</p>	<p>* Staff time from 2 employees- Sam (Parks and Rec) and Charlie (CCWMO) to hire, train, and oversee inspectors</p> <p>* Staff time from 40 certified AIS inspectors (Parks and Rec staff in 2015; CCWMO staff in 2016)</p> <p>* Technology- iPads for surveys at inspection sites</p> <p>* Volunteers to perform inspections at public access points in some lakes</p>	<p>* Inspectors at public accesses look for signs of invasive species to prevent infested boats from entering lakes; days and hours vary by lake</p> <p>* Inspectors refer users to the decontamination unit. Clean tagging system facilitates easy access after decontamination</p>	<p>* Database of data collected from previous boat inspections</p> <p>* Interactions between boaters and inspectors</p>	<p>* Prevent boats infested with AIS from entering non-contaminated lakes</p> <p>* Create better relations between inspectors and users</p>	
	<b>MONITORING</b>				
	<p>Staff time from Charlie and Andy (CCWMO) to plan and implement monitoring for water quality and AIS presence</p>	<p>* Monitoring for zebra mussels using plates, May through October on 5-6 lakes</p> <p>* Monitoring for veligers (ZM larva) through water sampling on Lake Waconia</p> <p>* Postcards to Waconia homeowners with a request to help monitor the lake</p>	<p>* Database from returned postcards from homeowners</p> <p>* Data and results from monitoring</p>	<p>* Knowledge of spread or prevention of spread of AIS in Carver County</p> <p>* Homeowners report and evidence of AIS</p>	<p>Prevent long-term spread of AIS</p>
<b>EDUCATION</b>					
<p>Staff time from Madeline (CCWMO) to plan and conduct education and outreach to the general public</p>	<p>* Write newspaper articles</p> <p>* Write monthly newsletter articles</p> <p>* Write and mail targeted letters to lakeshore homeowners in Waconia</p> <p>* Provide irregular education to youth and adults</p> <p>* Inspectors provide informal person to person education during inspections</p> <p>* Signs at public access points to encourage desired behavior</p> <p>* AIS focused educational activities at Carver County Fair</p> <p>* Letters to lake service providers informing/reminding them of certification requirements</p> <p>* Postcards to Waconia homeowners with education information</p>	<p>* AIS information shared with public through publications</p> <p>* Interactions between community members and CCWMO staff</p> <p>* Participation by kids and their parents in education activities</p> <p>* Tailored letters received by lakeshore homeowners</p> <p>* AIS Public Service Announcements- YouTube video contest</p> <p>* Press Release</p>	<p>* Raise awareness about AIS and how to prevent spread</p> <p>* Ensure homeowners hire AIS certified lake service providers</p> <p>* Boaters follow recommended AIS prevention procedures</p>	<p>* Raise widespread awareness about AIS and their impact (environmental, economic) in the area</p> <p>* Widespread use of recommended AIS prevention procedures by Carver County residents and boaters</p>	



POTENTIAL AND/OR FUTURE INPUTS	ASSUMPTIONS
AIS Project Coordinator for Carver Country (to be hired in Dec/Jan)	Inspections are the best way to combat the spread of AIS, coupled with, secondarily, education
DNR employed AIS Plan Coordinators	If AIS are detected early you can prevent their spread
Promising practice plans from other countries available on DNR website	Resources are not available for effective eradication of zebra mussels in lakes, so preventative measures are only feasible option
EXTERNAL FACTORS	
Counties all over MN have received state funding for AIS projects, all counties work independently	Program consumers (especially boaters & residents) need to be happy in order for the program to be effective
Most education on AIS focus on negative aspects of AIS (in both county and state), however, <1% of lakes are contaminated by zebra mussels	Creating awareness among citizens about AIS and their impact will lead citizens to support the containment of AIS
All plans developed by Carver Country WMO must be approved first by the Advisory Committee and then by the Governing Board	