

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: ACEI-073-10
Name: BEECHER LAKE PROTECTION & REHAB DISTRICT: Beecher Lake EWM Control Project
Type: Aquatic Invasives Grant
Subtype: Aquatic Invasives Control
Status: COMPLETE
Start Date: 10/01/2009
End Date: 12/31/2014
Purpose: The Beecher Lake District (the District) proposes to selectively control Eurasian water-milfoil (EWM) through chemical treatment, winter drawdowns, and preventative measures in Beecher Lake and Upper Lake during the period 2010 - 2013. The project elements and deliverables are specified in the District\2019s Aquatic Invasive Species Control Grant Application, dated August, 2009. The project includes conducting annual pre and post-treatment surveys to monitor the extent of EWM and efficacy of treatments, treating EWM infested areas with aquatic herbicides, creating GIS maps of the treated areas to guide future applications, and conducting winter drawdowns to examine the effectiveness of such actions as a control measure. Additional activities under the project include a survey of Beecher Lake for evidence of the native milfoil weevil and if present, its potential as a biological control agent will be evaluated. The District will also continue education and prevention activities to prevent further AIS infestations, participation in the Citizen Lake Monitoring Network (CLMN) AIS monitoring, and conducting watercraft inspections. Watercraft inspection records will be entered into the State\2019s online Watercraft Inspection Database and CLMN AIS data will be entered into the Surface Water Integrated Management System. Annual progress reports and a final report summarizing the four-year project will be provided to DNR.

If a consultant is to provide the final report, it is recommended that the Grantee provide the DNR Aquatic Invasive Species Coordinator with a draft for comment on the report\2019s adequacy prior to making final payment to the consultant. DNR will be provided with both paper and electronic PDF copies of the final report along with, or prior to, submission of grantee\2019s final payment request.

Objective:
Comments: Grantee is BEECHER LAKE PROTECTION & REHAB DISTRICT
Outcome:
Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Beecher And Upper Lake Inla	GRANT_RECIIII	ACTIVE	10/01/2009		Beecher And Upper Lake Inland Protection District	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
Watercraft Inspections Clean Boats, Clean Waters	CBCW-617000	04/01/2008		PROPOSED
Control Invasive Species	31142050	10/01/2009		PROPOSED
Grant Awarded	ACEI-073-10	10/01/2009	12/31/2011	COMPLETE
Monitor Invasive Species	31142050	10/01/2009		PROPOSED
Aquatic Plant Monitoring or Survey	31142050	10/01/2009		PROPOSED
Monitor Pre and Post Treatment	31142050	10/01/2009		PROPOSED
Monitor Invasive Species		10/01/2009	12/31/2011	PROPOSED

Monitoring Stations

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Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
616800	1	Beecher Creek	Beecher Creek
617000	1	Beecher Lake	Beecher Lake

Lab Account Codes

Account Code	Description	Start Date	End Date
AS008	AQUATIC INVASIVE SPECIES (PLAN	01/01/1960	12/31/2099
AS009	AQUATIC INVASIVE SPECIES (PLAN	01/01/1960	12/31/2099
AS010	AQUATIC INVASIVE SPECIES (PLAN	01/01/1960	12/31/2099

Forms

Form Code	Form Name
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Methods

Method Code	Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
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Documents

Title	Description	Author	Published	Comments
Aquatic Plant Management Plan for Beecher Lake 2009		Chuck Druckrey	01/01/2009	
Aquatic Plant Management Plan for Beecher Lake 2010		Chuck Druckrey	01/01/2010	
Beecher Lake AIS Final Report [ACEI-073-10 Phase 1]	Beecher Lake has a well-developed and diverse aquatic plant community with an average floristic quality index of 34.7. The maximum rooting depth varies from 7 to 12 feet due to variations in water level and water clarity. Water clarity varies considerably from year-to-year based on the volume of tannin stained runoff from the lakes 2,800 acre watershed. Eurasian Water Milfoil (EWM) was discovered in Beecher and Upper Lakes in June 2007. Plant samples were collected and verified by the Freckman herbarium at UW-Stevens Point. A cursory survey of the lake in October 2007 found EWM was primarily limited to the Beecher lake basin with moderate to dense stands covering more than 6.5 acres.		01/01/2015	
Beecher Lake APM Plan Amendment 2013	Since the discovery of Eurasian watermilfoil (<i>Myriophyllum spicatum</i>) in Beecher & Upper Lakes in 2007, the Beecher and Upper Lakes Protection & Rehabilitation District has been working to control the invasive plant in an effort to reduce its impact on the		04/01/2013	

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Title	Description	Author	Published	Comments
	<p>native plant community and recreational use of the lakes. In 2008 the District received an AIS Planning Grant to develop a comprehensive and sustainable aquatic plant management plan for Beecher & Upper Lakes. In 2010 the District received an aquatic Invasive Species Control Grant (ACEI-073-10.1) to implement the DNR approved Aquatic Plant Management Plan for Beecher Lake. The management plan includes a multi-faceted strategy to prevent Eurasian water milfoil domination in Beecher & Upper Lakes and preserve the diverse aquatic plant community. The strategy calls for EWM management via winter drawdown, selective use of aquatic herbicides, manual harvesting where applicable, and monitoring for the native milfoil weevil (<i>Euhrychiopsis lecontei</i>).</p>			

Budget

Combined Budgets:
Combined SLOH:
Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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