

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: ACEI-173-15

Name: CITY OF EAU CLAIRE: Half Moon Endothol 3

Type: Aquatic Invasives Grant

Subtype: Aquatic Invasives Control

Status: COMPLETE

Start Date: 4/15/2015

End Date: 12/31/2019

Purpose: The City of Eau Claire proposes to reduce Curly Leaf Pondweed biomass and continue studies to achieve in-lake phosphorus standards and restore a healthy native plant community to Half-Moon Lake in Eau Claire County. Major project elements to include: a) whole lake endothal treatments, b) monitoring c) permit costs, d) final report.

Objective:

Comments: Grantee is CITY OF EAU CLAIRE

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
City of Eau Claire,	GRANT_RECIPIENT	ACTIVE	4/22/2015		City of Eau Claire	
Sorge, Patrick W	COORDINATOR	ACTIVE	4/15/2015		Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	Grant ACEI-173-15 awarded	4/15/2015	12/31/2019	COMPLETE

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
2125400	1	Half Moon Lake	Halfmoon Lake

Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
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Methods				
Method Code	Method Description			
Fieldwork Events				
Start Date	Status	Field ID	Station ID	Station Name
Documents				
Title	Description	Author	Published	Comments
ACEI-173-15 Final Grant Application Half Moon Lake 2015	AIS grant application for Half Moon Lake 2015.	State of Wisconsin	4/15/2016	
City of Eau Claire Resolution Authorizing Grant Application	The City of Eau Claire approved the attached resolution authorizing the submission of an application to the Wisconsin Department of Natural Resources for an aquatic invasive species grant for funding for Half Moon lake herbicide treatments and research in 2016, 2017, 2018, and 2019. It is my understanding that the Wisconsin Department of Natural Resources has requested a few clarifying language changes to the approved resolution.	Russel Van Gompel	2/13/2015	
Half Moon Lake AIS Grant Proposal (Supporting Attachment) 2016-2019	Native submersed macrophytes play a critical structuring role in biological community dynamics and water quality conditions of aquatic ecosystems (Scheffer 1990, Moss et al. 1996, Jeppesen et al. 1998). These communities promote increased light penetration and water clarity by dampening wave shear stress and stabilizing flocculent sediment from resuspension (Barko and James 1998). They also provide refugia for young fish and habitat for a diversity of invertebrates, including microcrustacea that play an important role in grazer control of phytoplankton (Lauridsen et al. 1996, Burks et al. 2003). These interactions and feedbacks foster a fishery dominated by piscivores, increased grazing pressure on pelagic phytoplankton, and high transparency; features that are desirable both from an ecosystem perspective and for aesthetic and recreational reasons.	Native Macrophyt Community Response	12/20/2014	
Half Moon Lake DNR Grant Application Resolution 2015	Grant application resolution for Half Moon Lake in Eau Claire County.	Kerry J. S. Kincaid	2/24/2015	

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Half Moon Lake Map of Project Location	Map of project location on Half Moon Lake in Eau Claire Wi.	Wisconsin Department of Natural Resources	1/1/2006	
Surface Water Grant Applicatoin Checklist	Surface water application checklist for Half Moon Lake in Eau Claire County.	State of Wisconsin	2/18/2015	
UW-Stout Letter of Commitment Half Moon Lake 2015	A letter of commitment from UW Stout to the rehabilitation of Half Moon Lake.	William F. James	2/1/2015	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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