

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: AIRR-092-11

Name: AMACOY PROPERTY OWNERS ASSOCIATION: Amacoy Lake Curlyleaf Control Project

Type: Aquatic Invasives Grant

Subtype: Aquatic Invasives Early Detection and Response

Status: COMPLETE

Start Date: 8/18/2010

End Date: 12/31/2013

Purpose: The Amacoy Lake Property Owners Association is sponsoring a 3 year project for control of Curly Leaf Pondweed (CLP). The first year will include an early season herbicide treatment on approximately 5 acres of CLP which was discovered in 2008. The project includes 3 years of CLP treatment.

The project includes the following goals: 1) An early season herbicide treatment on approximately 5 acres of CLP in Amacoy Lake to control the spread.; 2) Monitor the CLP throughout the year to determine success of the herbicide treatment and to continue the mapping of CLP; 3) Evaluate the native plant response; 4) Evaluate if it is feasible to harvest CLP.

Project deliverables include: 1) A final report summarizing the outcome of the treatment including a description of declining CLP populations in treated areas and the response of native aquatic plants; 2) CLP will be mapped prior to treatment and after treatment. The lake will be surveyed for CLP in mid July through mid August after the herbicide treatment to determine efficacy of the treatment and regrowth.

Specific conditions for this Project: 1) Obtain an APM permit prior treatment (follow conditions in permit); 2) Implement the pre and post treatment monitoring protocol.; 3) Summary report listing areas treated and the effectiveness of the treatment; 4) The WDNR encourages the association to develop APM plan (and conduct a point intercept plant survey) by applying for a future AIS grant.

Objective:

Comments: Grantee is AMACOY PROPERTY OWNERS ASSOCIATION

Outcome:

Study Design:

QA Measures:

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Amacoy Lake Property Owners As	GRANT_RECIPIENT	COMPLETE	8/18/2010	5/7/2014	Amacoy Lake Property Owners Association	
Kreitlow, James D	LAKE_BIOLOGIST	COMPLETE	8/18/2010	8/29/2020	Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Data analysis, report production		8/18/2010	12/31/2013	PROPOSED
Control Invasive Species		8/18/2010	12/31/2013	PROPOSED

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Grant Awarded		8/18/2010	12/31/2013	COMPLETE
Monitor Invasive Species		8/18/2010	12/31/2013	PROPOSED

Monitoring Stations

Station ID	Name	Comments
10005388	Amacoy Lake	

Assessment Units

WBIC	Segment	Local Name	Official Name
2359700	1	Amacoy Lake	Amacoy Lake

Lab Account Codes

Account Code	Description	Start Date	End Date
AS008	AQUATIC INVASIVE SPECIES (PLANNING GRANT)	1/1/1960	12/31/2099
AS009	AQUATIC INVASIVE SPECIES (PLANNING GRANT)	1/1/1960	12/31/2099
AS010	AQUATIC INVASIVE SPECIES (PLANNING GRANT)	1/1/1960	12/31/2099

Forms

Form Code	Form Name
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Methods

Method Code	Method 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
Amacoy Lake PI Survey 5/17/11 [Excel File]	Excel data sheet from the Amacoy PI Survey done on 5/17/11.	Anna Mares, Jeanette Kelly	5/17/2011	
Amacoy Lake PI Survey 6/25/12 [Excel File]	Excel data sheet from the Amacoy PI Survey done on 6/25/12.	Anna Mares, Andrea Koxlien	6/25/2012	
Amacoy Lake PI Survey 7/28/11 [Excel File]	Excel data sheet from the Amacoy PI Survey done on 7/28/11.	Anna Mares, Jeanette Kelly	7/28/2011	
Amacoy Lake PI Survey 7/28/11 [Excel File]	Excel data sheet from the Amacoy PI Survey done on 4/30/12.	Anna Mares, Jeanette Kelly	4/30/2012	
Amacoy Lake PI Survey 9/12/11 [Excel File]	Excel data sheet from the Amacoy PI Survey done on 9/12/11.	Anna Mares, Jeanette Kelly	9/12/2011	
Amacoy Lake PI Survey 9/19/12 [Excel File]	Excel data sheet from the Amacoy PI Survey done on 9/19/12.	Anna Mares, Jeanette Kelly	9/19/2012	
Amacoy Lake, Rusk County 2011 and 2011 Curly-leaf Pondweed Survey Maps	Maps of CLP in Amacoy Lake in Rusk County, WI in 2011 and 2012.		1/1/2012	

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Aquatic Plant Community in Amacoy Lake From 2008-2013	In 2008, the Amacoy Lake Property Owners Association (ALPOA) requested that Beaver Creek Reserve - Citizen Science Center(CSC) complete a point intercept aquatic plant survey of Amacoy Lake. The presence of curly-leaf pondweed (Potamogeton crispus L.) was documented in Amacoy Lake at 14 of 135 surveyed points with an average rake fullness of one (a few plants on rake head sample). The infested sites were confined to the north east bay of the lake. The specific goals of the CSCs monitoring was to: 1) survey and map treatment areas to note locations and abundance of CLP to assist in decisions of where to chemically treat 2) survey treatment areas to assess treatment success, 3) track changes in the aquatic plant community including native species, and 4) conduct a full PI survey of the lake in the summer of 2013.	Anna Mares	10/8/2013	
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Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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