

**Wisconsin Department of Natural Resources
SWIMS Project Summary**

General Project Information

Project ID: ACEI-087-11
Name: FDL LONG LAKE PRESERVATION ASSN: Long Lake Habitat Restoration Project
Type: Aquatic Invasives Grant
Subtype: Aquatic Invasives Control
Status: COMPLETE
Start Date: 10/01/2010
End Date: 06/30/2015
Purpose: The Long Lake Preservation Association proposes to: control Curly Leaf Pondweed (CLP) and Eurasian Watermilfoil (EWM) through chemical treatment in the waters of Long and Tittle Lakes, during the period 2011 - 2013. The project elements and deliverables are specified in the Long Lake Preservation Association\2019s Aquatic Invasive Species Grant application, dated July 29, 2010. The project includes: conducting pre- and post-treatment surveys to monitor the presence of CLP and EWM; treating CLP and EWM infested areas in waters of Long Lake and Tittle with aquatic herbicide(s); conducting watercraft inspections; participating in the Citizen Lakes Monitoring Network; and mailing educational information to Association members. Any persons conducting watercraft inspections or participating in the Citizen Lake Monitoring Network will enroll in a current Clean Boats Clean Waters workshop or Citizen Lake Monitoring Network workshop. Watercraft inspection and Citizen Lake Monitoring records will be entered into the State\2019s online Watercraft Inspection Database (SWIMS). Any publications or signs produced as part of this project will incorporate the \201CStop Aquatic Hitchhikers!\201D\2122 brand (partnership details are at <http://www.protectyourwaters.org>). Annual progress reports and a final report summarizing the three-year project will be provided to DNR. If consultant is to provide the final report, it is recommended the Grantee provide the DNR Aquatic Invasive Species Coordinator with a draft for comment on report adequacy prior to making final payment to the consultant. DNR to receive 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 FDL LONG LAKE PRESERVATION ASSN
Outcome:
Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Long Lake Preservation Assn	GRANT_RECIPII	ACTIVE	10/01/2010		Long Lake Preservation Association	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
Grant Awarded	ACEI-087-11	10/01/2010	12/31/2014	COMPLETE

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Action	Detailed Description	Start	End Date	Status
APM Chemical Permit Request		10/01/2010	12/31/2014	PROPOSED
Details:	Parameter	Value/Amount	Units	Comments
	24D Granular, # Acres			
	24D Granular, # Pounds			
	24D Liquid, # Acres			
	24D Liquid, # Pounds			
	Aquashade, # Acres			
	Aquashade, # Pounds			
	Biological, # Pounds			
	Biologicals, # Acres			
	Copper Granular, # Acres			
	Copper Granular, # Pounds			
	Copper Liquid, # Acres			
	Copper Liquid, # Gallons			
	Cutrine +, # Acres			
	Cutrine +, # Gallons			
	Cutrine, # Acres			
	Cutrine, # Gallons			
	Diquat, # Acres			
	Diquat, # Pounds			
	Endothall Granular, # Acres			
	Endothall Granular, # Pounds			
	Endothall Liquid, # Acres			
	Endothall Liquid, # Pounds			
	Floridone Granular, # Acres			
	Floridone Granular, # Pounds			
	Floridone Liquid, # Acres			
	Floridone Liquid, # Pounds			
	Glyphosate, # Acres			
	Glyphosate, # Pounds			
	Herbicide Treatment and Water Use Restriction Signs Posted in Accordance with NR 107?			
	Nautique, # Acres			
	Nautique, # Gallons			
	Navigate, # Acres			
	Navigate, # Pounds			
	Onsite Supervision Present?			
	Reward, # Acres			
	Reward, # Gallons			
	Rodeo, # Acres			
	Rodeo, # Gallons			
Monitor Pre and Post Treatment		10/01/2010	12/31/2014	PROPOSED
Develop/Distribute Brochures/Literature		10/01/2010	12/31/2014	PROPOSED
Watercraft Inspections Clean Boats, Clean Waters	CBCW-38700	10/01/2010		PROPOSED

Monitoring Stations

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Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
38700	1	Long Lake	Long Lake
38700	2	Long Lake Kettle Moraine St. Park North Beach	Long 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
FDL Long Lake Preservation Association Final Report ACEI-087-11	This grant has allowed the Association to fight and significantly reduce CLP and EWM infested areas in the waters on Long and Title Lake. Each summer annual pre and post treatment surveys were initiated to measure the effectiveness of the treatment program as well as for planning the following year's treatment. With the summer of 2015 treatment, the total treatment over the 5 year period has been reduced from 50 acres to 12.7 acres. Without action over this five year period, the AIS threatened to overtake the native aquatic plants as well as disrupt the public's enjoyment of the lakes by clogging the boat motors and reducing the fishing on the lake. The reduction of AIS is restoring the natural balance of the lakes for the benefit of all. Coupled with the chemical treatment was the continuation of the CBCW program we started prior to receiving this grant. In our initial year of boat landing monitoring, most boaters had no idea about the effects of transferring weeds to another lake as well as the effects of water left in their boat or on their trailers. This summer we found 95% of our contacts were aware and could re-site the rules	Long Lake Preservation Association	06/30/2015	

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Title	Description	Author	Published	Comments
	to us. Between our attempts at educating and the DNR's through their public announcements, much change has taken place to stop the spread of Invasive species. In addition to the CBCW initiative, other educational efforts took place such as installation of Kiosks at boat landings on Long and surrounding lakes and education through our newsletter and place mats placed in surrounding restaurants.			
Long Lake Preservation Association, Inc. 2011 Treatment Report	First year of treatment monitoring for curly-leaf pondweed and Eurasian water milfoil	Long Lake Preservation Association	06/02/2011	
Long Lake Preservation Association, Inc. 2012 Treatment Report	Second year of treatment for curly-leaf pondweed and Eurasian water milfoil	Long Lake Preservation Association, Inc.	02/15/2013	
Long Lake Preservation Association, Inc. 2013 Treatment Report	2013 Treatment changes for EWM and CLP, and reports of the efficiency of the new treatments.	Long Lake Preservation Association, Inc.	03/15/2013	
Long Lake Preservation Association, Inc. 2014 Treatment Report	No CLP or EWM were located within the 2014 treatment areas and data shows low CLP occurrence in targeted treatment areas. No areas needing treatment for EWM were found	Long Lake Preservation Association, Inc.	12/15/2014	

Budget

Combined Budgets:
Combined SLOH:
Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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