

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: ACEI-077-10

Name: EAGLE LAKE MANAGEMENT DISTRICT: Eagle Lake Restoration Treatment & Evaluation Project

Type: Aquatic Invasives Grant

Subtype: Aquatic Invasives Control

Status: COMPLETE

Start Date: 4/1/2010

End Date: 12/31/2013

Purpose: The Eagle Lake Management District will continue their 6 year aquatic chemical treatment plan as a part of the restoration project started in 2007. The goal of the plan is to greatly reduce the frequency of occurrence of Eurasian water milfoil, an established aquatic invasive plant and to eliminate Curly Leaf Pondweed. Chemical treatment will take place in late April or early May of 2010, 2011 and 2012. Point intercept plant surveys (following the established WDNR Hauxwell protocols) will be conducted both pre and post chemical treatment each year. Water quality monitoring, native plantings, Clean Boats, Clean Waters, educational mailings and meetings and clean up kiosk stations will also be part of the project. Chemical treatment areas will be determined each year based on the previous year's plant surveys. The project deliverable is a report that includes 1) all raw plant survey data; 2) maps of proposed and actual treatment areas each year; 3) density/distribution maps for EWM, CLP and the top five native plants found each year in the plant surveys; 4) statistical analysis of the plant survey data each year and a comparison between years, to include frequency of occurrence, actual density, relative density, etc as described in the Hauxwell protocol; 5) a written assessment of the success of the chemical treatment plan implementation; 6) a written assessment of the shifts in the plant community over the three years of the project; 7) recommendations for future management; 8) entry of all watercraft inspection data into the statewide database (SWIMS); 9) a short report summarizing the 2010, 2011 and 2012 CBCW inspection program (how many boats inspected, any difficulties encountered, how many hours worked and a log of the dates/times worked); 10) summary and analysis of the water quality data; 11) a description of the native plantings project and 12) success/shortcomings of the kiosk program.

Objective:

Comments: Grantee is EAGLE LAKE MANAGEMENT DISTRICT

Outcome:**Study Design:****QA Measures:**

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Aron, Kathy	TEAM_MEMBER	COMPLETE	4/1/2010	5/7/2014		
Eagle Lake Management District	GRANT_RECIPIENT	COMPLETE	4/1/2010	5/7/2014	Eagle Lake Management District	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
APM Chemical Permit Request		4/1/2010	12/31/2013	PROPOSED

Details: Parameter	Value/Amount	Units	Comments
24D Granular, # Acres			
24D Granular, # Pounds			
24D Liquid, # Acres			

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Details: Parameter	Value/Amount	Units	Comments
24D Liquid, # Pounds			
Aquashade, # Acres			
Aquashade, # Pounds			
Biological, # Pounds			
Biologicals, # Acres			
Copper Granular, # Acres			
Copper Granular, # Pounds			
Copper Liquid, # Acres			
Copper Liquid, # Gallons			
Citrine +, # Acres			
Citrine +, # Gallons			
Citrine, # Acres			
Citrine, # 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			
Control Invasive Species	34979054	4/1/2010	PROPOSED
Aquatic Plant Monitoring or Survey	34979054	4/1/2010	PROPOSED
Monitor Water Quality or Sediment	34979054	4/1/2010	PROPOSED

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Monitor Invasive Species	34979054	4/1/2010		PROPOSED
Grant Awarded	ACEI-077-10	4/1/2010	12/31/2013	COMPLETE
Watercraft Inspections Clean Boats, Clean Waters	34979054	4/1/2010		PROPOSED
Monitor Pre and Post Treatment	34979054	4/1/2010		PROPOSED

Monitoring Stations

Station ID	Name	Comments
523131	Eagle Lake - Deep Hole	

Assessment Units

WBIC	Segment	Local Name	Official Name
759800	1	Eagle Lake	Eagle 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
AS010	AQUATIC INVASIVE SPECIES (PLANNING GRANT)	1/1/1960	12/31/2099

Forms

Form Code	Form Name
SECCHI_TEMPDO_PLUS	Lake Monitoring - Secchi, Temp., D.O., pH, Conductivity

Methods

Method Code	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
5/10/2011 12:00	COMPLETE		523131	Eagle Lake - Deep Hole
6/28/2011 11:45	COMPLETE		523131	Eagle Lake - Deep Hole
7/26/2011 11:40	COMPLETE		523131	Eagle Lake - Deep Hole
8/16/2011 10:45	COMPLETE		523131	Eagle Lake - Deep Hole
9/12/2011 14:15	COMPLETE		523131	Eagle Lake - Deep Hole
10/12/2011 10:05	COMPLETE		523131	Eagle Lake - Deep Hole
4/3/2012 10:30	COMPLETE		523131	Eagle Lake - Deep Hole
5/14/2012 10:15	COMPLETE		523131	Eagle Lake - Deep Hole
6/20/2012 8:30	COMPLETE		523131	Eagle Lake - Deep Hole
7/18/2012 10:30	COMPLETE		523131	Eagle Lake - Deep Hole

7/24/2024

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8/14/2012 12:30	COMPLETE		523131	Eagle Lake - Deep Hole
9/17/2012 9:30	COMPLETE		523131	Eagle Lake - Deep Hole

Documents

Title	Description	Author	Published	Comments
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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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