

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** AIRR-154-14

**Name:** SAWYER COUNTY: Lake Hayward Hybrid Milfoil Control Project

**Type:** Aquatic Invasives Grant

**Subtype:** Aquatic Invasives Early Detection and Response

**Status:** COMPLETE

**Start Date:** 5/1/2013

**End Date:** 12/31/2014

**Purpose:** Sawyer County is sponsoring a two-year Response project to Hybrid Eurasian water milfoil on Hayward Lake to conduct the following activities: herbicide treatment, herbicide residual monitoring, aquatic plant surveys, AIS monitoring, and aquatic plant management plan development.

Project deliverables include project data, a project report summarizing information/education, monitoring, & management activities, and a comprehensive aquatic plant management plan.

Specific project activities include: 1) Pre-post treatment aquatic plant monitoring; 2) Herbicide residual monitoring; 3) Herbicide treatment; 4) Volunteer AIS monitoring; 5) Aquatic plant management plan development.

Special Conditions: 1) WDNR\2019s Aquatic Plant Management in Wisconsin guidance shall be followed for aquatic plant monitoring; 2) Sponsor shall contact DNR immediately if a new AIS is found; 3) Grant monies may not be used for control of established curly-leaf pondweed; 4) AIS monitoring volunteers shall be trained and follow Citizen Lake Monitoring Network protocols.

This scope summarizes the project detail provided in the application and does not negate tasks/deliverables described therein. Data, records, and reports, including GIS-based maps, and digital images, must be submitted to the Department in a format specified by the regional Lakes Biologist.

**Objective:**

**Comments:** Grantee is SAWYER COUNTY

**Outcome:**

**Study Design:**

**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Sawyer County,	GRANT_RECIPIENT	ACTIVE	5/1/2013	12/31/2014	Sawyer County	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start Date	End Date	Status
APM Chemical Permit Request		5/1/2013	12/31/2014	PROPOSED

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

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

Details: Parameter	Value/Amount	Units	Comments
24D Liquid, # Acres			
24D Liquid, # Pounds			
Acres Treated - 1997 to 2003			
Amount of Chemicals used - 1997 to 2003			
Aqua-Pro Acres			
Aqua-Pro Gallons			
Aquacide, # Pounds			
Aquaneat Acres			
Aquaneat Gallons			
Aquashade Acres			
Aquashade Pounds			
Aquastar Acres			
Aquastar Gallons			
Aquathol Acres			
Aquathol Gallons			
Aquathol K Acres			
Aquathol K Gallons			
Aquathol, # Pounds			
Avast Acres			
Avast Gallons			
Chemicals Used - 1997 to 2003			
Clearcast Acres			
Clearcast Gallons			
Clearigate Acres			
Clearigate Gallons			
Comments			
Contains Herbicide totals			
Copper Acres			
Copper Liquid, # Acres			
Copper Liquid, # Gallons			
Copper Pounds			
Citrine Acres			
Citrine Liquid Acres			
Citrine Liquid Gallons			
Citrine Plus Acres			
Citrine Plus Liquid Acres			
Citrine Plus Liquid Gallons			
Citrine Plus Pounds			
Citrine Pounds			
Citrine Ultra Acres			

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

Details: Parameter	Value/Amount	Units	Comments
Cutrine Ultra Gallons			
DMA 4 IVM Acres			
DMA 4 IVM Gallons			
Did Treatments Occur			
Diquat Acres			
Diquat Gallons			
Diquat Liquid Acres			
Diquat Pounds			
Endothol Acres			
Endothol Liquid Acres			
Endothol Liquid Gallons			
Endothol Pounds			
Fee			
Floridone Acres			
Floridone Gallons			
Glyphosate Acres			
Glyphosate Gallons			
Glyphosate Liquid Acres			
Glyphosate Pounds			
Green Clean Acres			
Green Clean Gallons			
H2O2 Acres			
H2O2 Pounds			
Habitat Acres			
Habitat Gallons			
Harvester Acres			
Harvester Gallons			
Herbicide Treatment and Water Use Restriction Signs Posted in Accordance with NR 107?			
Hydrothol Acres			
Hydrothol Gallons			
Imazapyr Acres			
Imazapyr Gallons			
Nautique Acres			
Nautique Gallons			
Navigate Acres			
Navigate, # Pounds			
Onsite Supervision Present?			
Permit #			
Phycomycin Acres			
Phycomycin Pounds			

## Wisconsin Department of Natural Resources SWIMS Project Summary

Details: Parameter	Value/Amount	Units	Comments		
Polaris Acres					
Polaris Gallons					
Refuge Acres					
Refuge Gallons					
Reward Acres					
Reward Gallons					
Reward Liquid Acres					
Reward Pounds					
Rodeo Acres					
Rodeo Gallons					
SCI-62 Acres					
SCI-62 Gallons					
Sculpin G Acres					
Sculpin G Pounds					
SeClear Acres					
SeClear Gallons					
ShoreKlear Acres					
ShoreKlear Gallons					
Sonar AS Gallons					
Sonor AS Acres					
Touchdown Pro Acres					
Touchdown Pro Gallons					
Treatment Date					
Treatment Date Series					
Tribune Acres					
Tribune Gallons					
Vectobac Acres					
Vectobac Gallons					
Aquatic Plant Monitoring or Survey			5/1/2013	12/31/2014	PROPOSED
Monitor Invasive Species			5/1/2013	12/31/2014	PROPOSED
Monitor Pre and Post Treatment			5/1/2013	12/31/2014	PROPOSED
Information and Education			5/1/2013	12/31/2014	PROPOSED
APM Mechanical Permit Request			5/1/2013	12/31/2014	PROPOSED
Details: Parameter	Value/Amount	Units	Comments		
Total Acres harvested					
Total pounds of plants harvested					
Grant Awarded			5/1/2013	12/31/2014	COMPLETE
Aquatic Plant Management Plan			5/1/2013	12/31/2014	PROPOSED

### Monitoring Stations

## Wisconsin Department of Natural Resources SWIMS Project Summary

Station ID	Name	Comments
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### Assessment Units

WBIC	Segment	Local Name	Official Name
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### 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
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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
Lake Hayward Aquatic Plant Management Plan	Lake Hayward Property Owners Association was founded for the sole purpose to preserve and protect Lake Hayward and its surroundings relating to the control of nuisance plants, protection of desirable vegetation, and to enhance the water quality; from the State Highway 77 Bridge to the Xcel Energy Dam. This plan was approved by the Lake Hayward Property Owners Association in December 2014.	Lake Hayward Property Owners Association and Sawyer County Zoning and Conservation Department	5/14/2015	
Lake Hayward Aquatic Plant Management Plan Approval Request		Alex Smith	6/16/2015	

### Budget

#### Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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