

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** ACEI-146-14

**Name:** SILVER LAKE PROTECTION ASSOCIATION: EWM Control Project

**Type:** Aquatic Invasives Grant

**Subtype:** Aquatic Invasives Control

**Status:** COMPLETE

**Start Date:** 10/1/2013

**End Date:** 12/31/2021

**Purpose:** The Silver Lake Prot. Assoc. will conduct a 3 year aquatic chemical treatment plan. The plan's goal 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 spring 2014, 2015 and 2016. Point intercept plant surveys (following WDNR Hauxwell protocols) will be conducted both pre and post chemical treatment each year. Water quality monitoring, native plantings, CBCW, educational mailings and meetings and installation of boat trailer cleaning equip.and signage 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) yearly maps of proposed and actual treatment areas; 3) density/distribution maps for EWM, CLP and the top 5 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 freq. of occurrence, actual density, relative density as described in the Hauxwell protocol; 5) a written assess. of the success of the chemical treatment plan implementation; 6) a written assess. of the shifts in the plant community over the 3 years of the project; 7) recommendations for future management; 8) entry of all watercraft inspection data into SWIMS; 9) installation of boat trailer cleaning equip.and signage; 10) a short report summarizing the 2014, 2015 and 2016 CBCW inspection prog. (# of boats inspected, any difficulties encountered, and a log of the dates/times/hours worked); 10) summary and analysis of the water quality data; and 11) a description of the chara redistribution native plantings project. 2 paper copies and 1 electronic copy of the final plan will be provided to the department. Exact details for all deliverables are described in the grant application project description.

**Objective:**

**Comments:** Grantee is SILVER LAKE PROTECTION ASSOCIATION

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

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Silver Lake Protection Associa	GRANT_RECIPIENT	ACTIVE	10/1/2013	12/31/2017		

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start Date	End Date	Status
Grant Awarded		10/1/2013	12/31/2017	COMPLETE
Project Deliverable	Final Report containing: raw plant data, yearly maps of proposed and actual treatment areas, density/distribution maps for EWM, CLP and top 5 native plants.	10/1/2013	12/31/2017	PROPOSED

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Monitor Water Quality or Sediment		10/1/2013	12/31/2017	PROPOSED
Watercraft Inspections Clean Boats, Clean Waters		10/1/2013	12/31/2017	PROPOSED
APM Chemical Permit Request	2014, 2015, 2016	10/1/2013	12/31/2017	PROPOSED

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

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<b>Details: Parameter</b>	<b>Value/Amount</b>	<b>Units</b>	<b>Comments</b>
Citrine Plus Acres			
Citrine Plus Liquid Acres			
Citrine Plus Liquid Gallons			
Citrine Plus Pounds			
Citrine Pounds			
Citrine Ultra Acres			
Citrine 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			

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Details: Parameter	Value/Amount	Units	Comments		
Navigate Acres					
Navigate, # Pounds					
Onsite Supervision Present?					
Permit #					
Phycomycin Acres					
Phycomycin Pounds					
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					
Information and Education	Educational mailings and meetings	10/1/2013	12/31/2017	PROPOSED	
Monitor Pre and Post Treatment		10/1/2013	12/31/2017	PROPOSED	
Install Kiosk or Sign	Installation of Boat Trailer Cleaning Equipment and Signage	10/1/2013	12/31/2017	PROPOSED	

### Monitoring Stations

## Wisconsin Department of Natural Resources SWIMS Project Summary

Station ID	Name	Comments
10003101	Silver Lake	

### Assessment Units

WBIC	Segment	Local Name	Official Name
747900	1	Silver Lake	Silver 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
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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
Silver Lake 2014-2016 EWM Control Project		Silver Lake Protection Association	8/1/2013	
Silver Lake EWM Grant Application		Silver Lake Protection Association	7/30/2013	

### Budget

#### Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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