

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: ACTIVE
Start Date: 10/01/2013
End Date: 12/31/2020
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 Associ	GRANT_RECIP	ACTIVE	10/01/2013	12/31/2017		

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
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Action	Detailed Description	Start	End Date	Status
APM Chemical Permit Request	2014, 2015, 2016	10/01/2013	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			
	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			

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Action	Detailed Description	Start	End Date	Status
Details: Parameter	Value/Amount	Units	Comments	
	DMA 4 IVM Gallons			
	Did Treatments Occur			
	Diquat Acres			
	Diquat Gallons			
	Diquat Liquid Acres			
	Diquat Pounds			
	Endotholl Acres			
	Endotholl Liquid Acres			
	Endotholl Liquid Gallons			
	Endotholl 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			
	Polaris Acres			
	Polaris Gallons			
	Refuge Acres			
	Refuge Gallons			
	Reward Acres			
	Reward Gallons			

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Action	Detailed Description	Start	End Date	Status
Details: Parameter	Value/Amount	Units	Comments	
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				
Install Kiosk or Sign	Installation of Boat Trailer Cleaning Equipment and Signage	10/01/2013	12/31/2017	PROPOSED
Monitor Pre and Post Treatment		10/01/2013	12/31/2017	PROPOSED
Grant Awarded		10/01/2013	12/31/2017	COMPLETE
Monitor Water Quality or Sediment		10/01/2013	12/31/2017	PROPOSED
Information and Education	Educational mailings and meetings	10/01/2013	12/31/2017	PROPOSED
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.	10/01/2013	12/31/2017	PROPOSED
Watercraft Inspections Clean Boats, Clean Waters		10/01/2013	12/31/2017	PROPOSED

Monitoring Stations

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

Wisconsin Department of Natural Resources SWIMS Project Summary

Form Code **Form Name**

Methods

Method Code **Description**

Fieldwork Events

Start Date **Status** **Field ID** **Station ID** **Station Name**

Documents

Title	Description	Author	Published	Comments
Silver Lake 2014-2016 EWM Control Project		Silver Lake Protection Association	08/01/2013	
Silver Lake EWM Grant Application		Silver Lake Protection Association	07/30/2013	

Budget

Combined Budgets:
Combined SLOH:
Combined Total:

Funding

Organization **Source** **Type** **Amount** **Start Date** **End Date**