

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: AEPP-437-14

Name: FOREST COUNTY SILVER LAKE ASSOC: Silver Lake Management Planning Project

Type: Aquatic Invasives Grant

Subtype: Aquatic Invasives Education

Status: COMPLETE

Start Date: 4/1/2014

End Date: 6/30/2017

Purpose: The Forest County Silver Lake Association will conduct work to complete a Lake Management Plan in response to managing Eurasian Water Milfoil (EWM). The study components will provide the baseline data to assess the lake ecosystem condition, while the stakeholder participation will shed light on the expectation and needs of lake users. This will allow for development of a long-term and implementable plan for Silver Lake.

The project includes the following goals: 1) Involve local stakeholders in the planning process; 2) Conduct spring EWM check (2014); 3) Conduct EWM peak biomass survey (2014); 4) Conduct point -intercept plant survey (2014); 5) Complete native and non-native community mapping; 6) Complete a shoreline and coarse woody habitat assessment; 7) Complete a watershed assessment; 8) Conduct lake water quality monitoring/evaluation; 9) Compile fisheries data information; 10) Development of a lake management plan (including EWM control options).

Project deliverables: A final report including methodologies and results of the tasks listed above. Management, protection, enhancement alternatives and recommendations should be presented along with continued public education issues. Recommendations for remedial actions and further study options should be included specifically for Silver Lake and its drainage basin.

Specific conditions for this Project: WDNR review of the draft Lake Management Plan; WDNR will be provided electronic and hard copies of all data and or reports/plans generated as a result of this project.

Objective:**Comments:** Grantee is FOREST COUNTY SILVER LAKE ASSOC**Outcome:****Study Design:****QA Measures:**

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Bluhm, Allen E	TEAM_MEMBER	ACTIVE	11/20/2014			
Hanke, Todd	TEAM_MEMBER	ACTIVE	12/5/2014		Onterra, LLC	
Silver Lake Association,	GRANT_RECIP ENT	ACTIVE	4/1/2014	6/30/2016	Silver Lake Association	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Informational Meetings		4/1/2014	6/30/2016	PROPOSED

8/28/2024

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Monitor Fish Community		4/1/2014	6/30/2016	PROPOSED
Aquatic Plant Monitoring or Survey		4/1/2014	6/30/2016	PROPOSED
Lake Management Plan Development		4/1/2014	6/30/2016	PROPOSED
Information and Education		4/1/2014	6/30/2016	PROPOSED
Shoreland Monitoring, Assessment, Inventory	Shoreland Monitoring, Assessment or Inventory	4/1/2014	6/30/2017	PROPOSED
Grant Awarded		4/1/2014	6/30/2016	COMPLETE
Watershed Mapping or Assessment		4/1/2014	6/30/2016	PROPOSED
Project Deliverable	Final Report	4/1/2014	6/30/2016	PROPOSED
Map Invasive Species		4/1/2014	6/30/2016	PROPOSED

Monitoring Stations

Station ID	Name	Comments
493144	Big Blake Lake - Deep Hole/Main Basin	
213017	Silver Lake - Deep Hole	

Assessment Units

WBIC	Segment	Local Name	Official Name
555700	1	Silver Lake	Silver Lake
2627000	1	Big Blake Lake (Blake)	Big Blake Lake

Lab Account Codes

Account Code	Description	Start Date	End Date
AS011	AQUATIC INVASIVE SPECIES (PLANNING GRANT)	4/18/2013	6/30/2014
AS012	AQUATIC INVASIVE SPECIES (PLANNING GRANT)	3/26/2014	6/30/2015

Forms

Form Code	Form Name
SECCHI_TEMPDO	Lake Monitoring - Secchi, Temperature and D.O.

Methods

Method Code	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
5/28/2014	COMPLETE	SLS	213017	Silver Lake - Deep Hole
5/28/2014 9:40	COMPLETE	SLB	213017	Silver Lake - Deep Hole
6/26/2014 13:30	COMPLETE	SLS	213017	Silver Lake - Deep Hole
7/14/2014 11:20	COMPLETE	SLB	213017	Silver Lake - Deep Hole
7/14/2014 11:20	COMPLETE	SLS	213017	Silver Lake - Deep Hole

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8/25/2014 13:40	COMPLETE	SLS	213017	Silver Lake - Deep Hole
10/29/2014 11:30	COMPLETE	SLB	213017	Silver Lake - Deep Hole
10/29/2014 11:30	COMPLETE	SLS	213017	Silver Lake - Deep Hole
2/17/2015 11:05	COMPLETE	SLB	213017	Silver Lake - Deep Hole
2/17/2015 11:05	COMPLETE	SLS	213017	Silver Lake - Deep Hole
6/25/2015 11:39	COMPLETE	BBL-BOT-JN	493144	Big Blake Lake - Deep Hole/Main Basin

Documents

Title	Description	Author	Published	Comments
Silver Lake Comprehensive Management Plan	Lake Management Plan for Silver Lake. Includes results of watershed, fisheries, and plant surveys.	Brenton Butterfield, Eddie Heath, Tim Hoyman, & Dan Cibulka	1/15/2016	
Silver Lake Comprehensive Management Plan Appendices	Appendices to the Silver Lake Management Plan	Brenton Butterfield, Eddie Heath, Tim Hoyman, & Dan Cibulka	1/15/2016	
Silver Lake Comprehensive Management Plan Maps	Maps for the Silver Lake Management Plan.	Brenton Butterfield, Eddie Heath, Tim Hoyman, & Dan Cibulka	1/15/2016	
Silver Lake Management Planning Project Application Materials		Onterra, LLC	2/1/2014	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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