

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL-1512-13

**Name:** THREE LAKES WATERFRONT ASSOCIATION: Three Lakes Management Planning - Phase 4 Moccasin Lake

**Type:** Lakes Grant

**Subtype:** Large Scale Lake Planning

**Status:** COMPLETE

**Start Date:** 4/1/2013

**End Date:** 6/30/2016

**Purpose:** Three Lakes Waterfront Association, Inc. is sponsoring a large scale lake planning grant to study Moccasin Lake, in Oneida County. The project will focus on developing a Lake Management Plan (LMP) for Moccasin Lake.

Project activities include: 1) Stakeholder participation \2013 stakeholder survey, planning meetings (up to 2), kick-off meeting, wrap-up meeting, news release(s), and newsletter article; 2) Water quality sampling and analysis; 3) Watershed assessment and P load modeling; 4) Fisheries assessment; 5) Shoreline assessment; 6) Professional Dreissena monitoring; 7) Aquatic plant surveys (PI survey, early-season AIS survey, community mapping, and substrate mapping); 8) Data analysis; 9) Volunteer watercraft inspections; 10) Develop LMP.

Project deliverables include: 1) Stakeholder survey, news release(s), and newsletter article; 2) Water chemistry data; 3) Watershed maps and modeling data; 4) PI and shoreland data; 5) Aquatic plant community and substrate maps; 6) Aquatic plant vouchers; 7) Entered inspection data into SWIMS; 8) LMP.

Specific conditions for this project: 1) Draft of stakeholder survey needs to be submitted to Lakes Management Coordinator for review and approval before sending to public; 2) Draft of LMP needs Dept review and approval.

WDNR Lakes Management Coordinator will be provided with an electronic (pdf or word) copy of LMP, news release(s), newsletter article, stakeholder survey, data from PI survey, early-season AIS survey, shoreland assessment, watershed assessment and water quality sampling, all maps from project, all GIS data, and aquatic plant vouchers.

**Objective:**

**Comments:** Grantee is THREE LAKES WATERFRONT ASSOCIATION

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

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Cibulka, Dan	TEAM_MEMBER	ACTIVE	12/19/2013		Onterra, LLC	
Hanke, Todd	TEAM_MEMBER	ACTIVE	12/19/2013		Onterra, LLC	
Hoyman, Tim	TEAM_MEMBER	ACTIVE	12/19/2013		Onterra, LLC	
Three Lakes Waterfront Associa	GRANT_RECIPIENT	ACTIVE	6/13/2013		Three Lakes Waterfront Association Inc.	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

## Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start Date	End Date	Status
Social Survey of Residents or Users		4/1/2013	6/30/2015	PROPOSED
Watershed Mapping or Assessment		4/1/2013	6/30/2015	PROPOSED
Monitor Invasive Species		4/1/2013	6/30/2015	PROPOSED
Monitor Water Quality or Sediment		4/1/2013	6/30/2015	PROPOSED
Lake Management Plan Development		4/1/2013	6/30/2015	PROPOSED
Water Quality Modeling		4/1/2013	6/30/2015	PROPOSED
Develop/Distribute Newsletter		4/1/2013	6/30/2015	PROPOSED
Issue News/Media Release		4/1/2013	6/30/2015	PROPOSED
Shoreland Monitoring, Assessment, Inventory	Shoreland Monitoring, Assessment or Inventory	4/1/2013	6/30/2016	PROPOSED
Information and Education		4/1/2013	6/30/2015	PROPOSED
Data analysis, report production		4/1/2013	6/30/2015	PROPOSED
Watercraft Inspections Clean Boats, Clean Waters		4/1/2013	6/30/2015	PROPOSED
Lakes Planning Grant		4/1/2013	6/30/2015	PROPOSED
Aquatic Plant Monitoring or Survey		4/1/2013	6/30/2015	PROPOSED
Grant Awarded	<p>Three Lakes Waterfront Association, Inc. is sponsoring a large scale lake planning grant to study Moccasin Lake, in Oneida County. The project will focus on developing a Lake Management Plan (LMP) for Moccasin Lake.</p> <p>Project activities include: 1) Stakeholder participation \2013 stakeholder survey, planning meetings (up to 2), kick-off meeting, wrap-up meeting, news release(s), and newsletter article; 2) Water quality sampling and analysis; 3) Watershed assessment and P load modeling; 4) Fisheries assessment; 5) Shoreline assessment; 6) Professional Dreissena monitoring; 7) Aquatic plant surveys (PI survey, early-season AIS survey, community mapping, and substrate mapping); 8) Data analysis; 9) Volunteer watercraft inspections; 10) Develop LMP.</p>	4/1/2013	6/30/2015	COMPLETE
Informational Meetings		4/1/2013	6/30/2015	PROPOSED
Map Invasive Species		4/1/2013	6/30/2015	PROPOSED

### Monitoring Stations

Station ID	Name	Comments
443220	Maple Lake - Deep Hole	
443227	Moccasin Lake - Deep Hole	

### Assessment Units

## Wisconsin Department of Natural Resources SWIMS Project Summary

WBIC	Segment	Local Name	Official Name
1609900	1	Maple Lake	Maple Lake
1612100	1	Moccasin Lake	Moccasin 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
6/18/2013 13:45	COMPLETE	MPLB	443220	Maple Lake - Deep Hole
6/18/2013 13:45	COMPLETE	MPLS	443220	Maple Lake - Deep Hole
6/26/2013 8:45	COMPLETE	MCLB	443227	Moccasin Lake - Deep Hole
6/26/2013 8:45	COMPLETE	MCLS	443227	Moccasin Lake - Deep Hole
7/23/2013 9:10	COMPLETE	MCLB	443227	Moccasin Lake - Deep Hole
7/23/2013 9:10	COMPLETE	MCLS	443227	Moccasin Lake - Deep Hole
7/23/2013 11:40	COMPLETE	MPLB	443220	Maple Lake - Deep Hole
7/23/2013 11:40	COMPLETE	MPLS	443220	Maple Lake - Deep Hole
8/26/2013 14:30	COMPLETE	MPLB	443220	Maple Lake - Deep Hole
8/26/2013 14:30	COMPLETE	MPLS	443220	Maple Lake - Deep Hole
8/26/2013 16:30	COMPLETE	MCLB	443227	Moccasin Lake - Deep Hole
8/26/2013 16:30	COMPLETE	MCLS	443227	Moccasin Lake - Deep Hole
10/8/2013 11:25	COMPLETE	MCLB	443227	Moccasin Lake - Deep Hole
10/8/2013 11:25	COMPLETE	MCLS	443227	Moccasin Lake - Deep Hole
10/8/2013 12:45	COMPLETE	MPLB	443220	Maple Lake - Deep Hole
10/8/2013 12:45	COMPLETE	MPLS	443220	Maple Lake - Deep Hole
2/20/2014 11:45	COMPLETE	MPLB	443220	Maple Lake - Deep Hole
2/20/2014 11:45	COMPLETE	MPLS	443220	Maple Lake - Deep Hole
2/20/2014 13:15	COMPLETE	MCLB	443227	Moccasin Lake - Deep Hole
2/20/2014 13:15	COMPLETE	MCLS	443227	Moccasin Lake - Deep Hole

### Documents

Title	Description	Author	Published	Comments
Phase 4 Appendices		Onterra, LLC	4/1/2016	

## Wisconsin Department of Natural Resources SWIMS Project Summary

Phases 1-4 Comprehensive Management Plan combined	<p>Along with preventing aquatic invasive species establishment within the chain, it has been the long-term objective of the TLWA to create comprehensive management plans for the 21 lakes and two connecting waterways (the Thoroughfare and Townline Creek) within the Three Lakes Chain over a span of five to ten years. This project began with studies on Long Lake due to the discovery of Eurasian water milfoil and subsequent need for immediate attention. Beginning with discussions in 2009/2010, a phased approach was developed to address each lake within the chain, starting from the top of the chain (south) and working downstream towards Long Lake and the Eagle River above the Burnt Rollways Dam (Map 1). Developing management plans for small clusters of lakes within the chain allow for financial savings to be realized in overall project costs while creating a manageable process that allows for sufficient attention to be applied to each lakes needs. This is opposed to completing all plans simultaneously, which would facilitate great cost savings, but only produce generic plans for each lake and the chain as a whole. Financial assistance was obtained through the Wisconsin Department of Natural Resources Lake Management Grant Program for each phase of the project.</p>	Onterra, LLC	4/1/2016
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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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