

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL-1513-13  
**Name:** THREE LAKES WATERFRONT ASSOCIATION: Three Lakes Management Planning - Phase 4 Spirit Lake  
**Type:** Lakes Grant  
**Subtype:** Large Scale Lake Planning  
**Status:** COMPLETE  
**Start Date:** 04/01/2013  
**End Date:** 06/30/2016  
**Purpose:** Three Lakes Waterfront Association, Inc. is sponsoring a large scale lake planning grant to study Spirit Lake, in Oneida County. The project will focus on developing a Lake Management Plan (LMP) for Spirit 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 Asso	GRANT_RECII	ACTIVE	06/17/2013		Three Lakes Waterfront Association Inc.	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start	End Date	Status
Aquatic Plant Monitoring or Survey		04/01/2013	06/30/2015	PROPOSED
Lakes Planning Grant		04/01/2013	06/30/2015	PROPOSED
Monitor Fish Community		04/01/2013	06/30/2015	PROPOSED
Information and Education		04/01/2013	06/30/2015	PROPOSED
Monitor Invasive Species		04/01/2013	06/30/2015	PROPOSED
Water Quality Modeling		04/01/2013	06/30/2015	PROPOSED

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Action	Detailed Description	Start	End Date	Status
Social Survey of Residents or Users		04/01/2013	06/30/2015	PROPOSED
Shoreland Monitoring, Assessment, Inventory	Shoreland Monitoring, Assessment or Inventory	04/01/2013	06/30/2016	PROPOSED
Data analysis, report production		04/01/2013	06/30/2015	PROPOSED
Grant Awarded	Three Lakes Waterfront Association, Inc. is sponsoring a large scale lake planning grant to study Spirit Lake, in Oneida County. The project will focus on developing a Lake Management Plan (LMP) for Spirit Lake.  Project activities include: 1) Stakeholder participation - 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.	04/01/2013	06/30/2015	COMPLETE
Map Invasive Species		04/01/2013	06/30/2015	PROPOSED
Monitor Water Quality or Sediment		04/01/2013	06/30/2015	PROPOSED
Develop/Distribute Newsletter		04/01/2013	06/30/2015	PROPOSED
Issue News/Media Release		04/01/2013	06/30/2015	PROPOSED
Informational Meetings		04/01/2013	06/30/2015	PROPOSED
Watercraft Inspections Clean Boats, Clean Waters		04/01/2013	06/30/2015	PROPOSED
Watershed Mapping or Assessment		04/01/2013	06/30/2015	PROPOSED
Lake Management Plan Development		04/01/2013	06/30/2015	PROPOSED

### Monitoring Stations

Station ID	Name	Comments
443263	Spirit Lake - Deep Hole	

### Assessment Units

WBIC	Segment	Local Name	Official Name
1612000	1	Spirit Lake (Three Lakes Chain)	Spirit 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	Description
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### Fieldwork Events

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Start Date	Status	Field ID	Station ID	Station Name
06/26/2013 09:15	COMPLETE	SLB	443263	Spirit Lake - Deep Hole
06/26/2013 09:15	COMPLETE	SLS	443263	Spirit Lake - Deep Hole
07/23/2013 10:15	COMPLETE	SLB	443263	Spirit Lake - Deep Hole
07/23/2013 10:15	COMPLETE	SLS	443263	Spirit Lake - Deep Hole
08/26/2013 16:00	COMPLETE	SLB	443263	Spirit Lake - Deep Hole
08/26/2013 16:00	COMPLETE	SLS	443263	Spirit Lake - Deep Hole
10/08/2013 11:00	COMPLETE	SLB	443263	Spirit Lake - Deep Hole
10/08/2013 11:00	COMPLETE	SLS	443263	Spirit Lake - Deep Hole
02/20/2014 12:45	COMPLETE	SLB	443263	Spirit Lake - Deep Hole
02/20/2014 12:45	COMPLETE	SLS	443263	Spirit Lake - Deep Hole

### Documents

Title	Description	Author	Published	Comments
Appendix		Onterra, LLC	04/01/2016	
Phases 1-4 Comprehensive Management Plan	Since its inception, the Three Lakes Waterfront Association (TLWA), along with its long-time partner, the Town of Three Lakes, has worked to prevent introduction and establishment of aquatic invasive species within the chain of lakes. The groups have approached this sometimes overwhelming task through diligent volunteer monitoring of the chain's littoral zone (Adopt-A-Shoreline) and an annual educational initiative that includes direct contact with lake stakeholders through multiple avenues, such as conducting annual meetings with educational speakers, staffing informational booths and manning the chain's many landings with Clean Boats / Clean Waters watercraft inspectors. The association also educates stakeholders through more passive activities, like direct mailings, newsletters and signage at boat landings.	Onterra, LLC	04/01/2016	

### Budget

Combined Budgets:  
 Combined SLOH:  
 Combined Total:

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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