

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL-1471-12

Name: THREE LAKES WATERFRONT ASSOCIATION: Three Lakes Management Planning Project - Phase 3 Fourmile Lake

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 4/1/2012

End Date: 6/30/2014

Purpose: Three Lakes Waterfront Association, Inc. is sponsoring a large scale lake planning grant to study Fourmile Lake, in Oneida County. The project will focus on developing a Lake Management Plan (LMP) for Fourmile 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, CLP assessment, community mapping, substrate mapping); 8) Data analysis; 9) Volunteer watercraft inspections and AIS monitoring; 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 and AIS monitoring 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, 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
Butterfield, Brenton	TEAM_MEMBER	COMPLETE	4/1/2012	1/15/2020	Onterra, LLC	
Hanke, Todd	TEAM_MEMBER	ACTIVE	4/1/2012		Onterra, LLC	
Hoyman, Tim	TEAM_MEMBER	ACTIVE	4/1/2012		Onterra, LLC	
Three Lakes Waterfront Associa	GRANT_RECIPIENT	ACTIVE	4/1/2012		Three Lakes Waterfront Association Inc.	

Project Statuses

Date	Reported By	Status	Comments
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Actions

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Action	Detailed Description	Start Date	End Date	Status
Aquatic Plant Monitoring or Survey		4/1/2012	6/30/2014	PROPOSED
Monitor Water Quality or Sediment		4/1/2012	6/30/2014	PROPOSED
Watercraft Inspections Clean Boats, Clean Waters		4/1/2012	6/30/2014	PROPOSED
Data analysis, report production		4/1/2012	6/30/2014	PROPOSED
Social Survey of Residents or Users		4/1/2012	6/30/2014	PROPOSED
Grant Awarded	<p>Three Lakes Waterfront Association, Inc. is sponsoring a large scale lake planning grant to study Fourmile Lake, in Oneida County. The project will focus on developing a Lake Management Plan (LMP) for Fourmile 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, CLP assessment, community mapping, substrate mapping); 8) Data analysis; 9) Volunteer watercraft inspections and AIS monitoring; 10) Develop LMP.</p> <p>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 and AIS monitoring data into SWIMS; 8) LMP.</p>	4/1/2012	6/30/2013	COMPLETE
Monitor Invasive Species		4/1/2012	6/30/2014	PROPOSED
Lakes Planning Grant		4/1/2012	6/30/2014	PROPOSED
Monitor Fish Community		4/1/2012	6/30/2014	PROPOSED
Watershed Mapping or Assessment		4/1/2012	6/30/2014	PROPOSED
Lake Management Plan Development		4/1/2012	6/30/2014	PROPOSED
Monitor or Assess Watershed Condition		4/1/2012	6/30/2014	PROPOSED
Shoreland Monitoring, Assessment, Inventory	Shoreland Monitoring, Assessment or Inventory	4/1/2012	6/30/2014	PROPOSED

Monitoring Stations

Station ID	Name	Comments
443098	Fourmile Lake - Deep Hole	

Assessment Units

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WBIC	Segment	Local Name	Official Name
1610800	1	Fourmile Lake (Three Lakes Chain)	Fourmile Lake
1610900	1	Fourmile Creek	Fourmile Creek

Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
SECCHI_TEMPDO_PLUS	Lake Monitoring - Secchi, Temp., D.O., pH, Conductivity

Methods

Method Code	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
4/10/2012 9:20	COMPLETE	FMLB	443098	Fourmile Lake - Deep Hole
4/10/2012 9:20	COMPLETE	FMLS	443098	Fourmile Lake - Deep Hole
6/5/2012 9:00	COMPLETE	FMLB	443098	Fourmile Lake - Deep Hole
6/5/2012 9:00	COMPLETE	FMLS	443098	Fourmile Lake - Deep Hole
7/19/2012 12:30	COMPLETE	FMLB	443098	Fourmile Lake - Deep Hole
7/19/2012 12:30	COMPLETE	FMLS	443098	Fourmile Lake - Deep Hole
8/20/2012 15:15	COMPLETE	FMLS	443098	Fourmile Lake - Deep Hole
10/29/2012 11:30	COMPLETE	FMLB	443098	Fourmile Lake - Deep Hole
10/29/2012 11:30	COMPLETE	FMLS	443098	Fourmile Lake - Deep Hole
2/14/2013 10:50	COMPLETE	FMLB	443098	Fourmile Lake - Deep Hole
2/14/2013 10:50	COMPLETE	FMLS	443098	Fourmile Lake - Deep Hole

Documents

Title	Description	Author	Published	Comments
Three Lakes Chain Comprehensive Management Plan 2014	Three Lakes Chain (Oneida County) comprehensive management plan, sponsored by Three Lakes Waterfront Association, prepared by Onterra, LLC. Includes photos, maps, diagrams, tables, and graphs. Appendices and additional lake data attached.	Onterra, LLC.	2/13/2014	

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<p>Three Lakes Chain Comprehensive Management Plan Appendices 2014</p>	<p>Appendices to accompany Three Lakes Chain Comprehensive Management Plan 2014, prepared by Onterra, LLC. Includes public participation materials, stakeholder survey response charts and comments, Act 31 committee report, water quality data, watershed analysis WILMS results, aquatic plant survey data, and fisheries reports and data summaries.</p>	<p>Onterra, LLC.</p>	<p>2/13/2014</p>	
<p>Three Lakes Chain Comprehensive Management Plan Individual Lake Data 2014</p>	<p>Individual lake data to accompany Three Lakes Chain Comprehensive Management Plan 2014, prepared by Onterra, LLC. Includes photos, maps, graphs, tables, and diagrams for: Virgin Lake, Whitefish Lake, The Thoroughfare, Big Lake, Dog Lake, Crystal (Mud) Lake, Deer Lake, Big Stone Lake, Laurel Lake, Fourmile Lake, and Big Fork Lake.</p>	<p>Onterra, LLC.</p>	<p>2/13/2014</p>	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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