Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL-1478-12

INDIAN LAKE ASSOCIATION: Indian Lake Management Planning Project Name:

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: **COMPLETE**

Start Date: 4/1/2012 6/30/2014 **End Date:**

Purpose: Indian Lake Association is sponsoring a large scale lake planning grant to study Indian Lake, in Oneida County with a focus

on developing a Lake Management Plan (LMP) for Indian 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) 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) 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 INDIAN LAKE ASSOCIATION

Outcome:

Study Design:

QA Measures:

People							
Name	Role	Status	Start Date	End Date	Organization	Comments	
Hanke, Todd	TEAM_MEMBER	ACTIVE	4/1/2012		Onterra, LLC		
Hoyman, Tim	TEAM_MEMBER	ACTIVE	4/1/2012		Onterra, LLC		
Indian Lake Association,	GRANT_RECIPI ENT	ACTIVE	4/1/2012		Indian Lake Association		

Project Statuses

Date	Reported By	Status	Comments
	1 -		

Actions						
Action	Detailed Description	Start Date	End Date	Status		
Informational Meetings		4/1/2012	6/30/2014	PROPOSED		

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Water Quality Modeling		4/1/2012	6/30/2014	PROPOSED
Lake Management Plan Development		4/1/2012	6/30/2014	PROPOSED
Watershed Mapping or Assessment		4/1/2012	6/30/2014	PROPOSED
Map Invasive Species		4/1/2012	6/30/2014	PROPOSED
Lakes Planning Grant		4/1/2012	6/30/2014	PROPOSED
Monitoring Ecosystem		4/1/2012	6/30/2014	PROPOSED
Data analysis, report production		4/1/2012	6/30/2014	PROPOSED
Shoreland Monitoring, Assessment, Inventory	Shoreland Monitoring, Assessment or Inventory	4/1/2012	6/30/2014	PROPOSED
Monitor Water Quality or Sediment		4/1/2012	6/30/2014	PROPOSED
Grant Awarded	Indian Lake Association is sponsoring a large scale lake planning grant to study Indian Lake, in Oneida County with a focus on developing a Lake Management Plan (LMP) for Indian 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) 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) LMP.	4/1/2012	6/30/2014	COMPLETE
Issue News/Media Release		4/1/2012	6/30/2014	PROPOSED
Social Survey of Residents or Users		4/1/2012	6/30/2014	PROPOSED
Aquatic Plant Monitoring or Survey		4/1/2012	6/30/2014	PROPOSED
Develop/Distribute Newsletter		4/1/2012	6/30/2014	PROPOSED

Monitoring Stations					
	Station ID	Name	Comments		
	443043	Indian Lake - Deep Hole			

Assessment Units				
WBIC	Segment	Local Name	Official Name	
1598900	1	Indian Lake	Indian Lake	

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Lab Account Codes			
Account Code	Description	Start Date	End Date
Forms			
Form Code	Form Name		
SECCHI_TEMPDO_PLUS	Lake Monitoring - Secchi, Temp., D.O., pH, Conductivity		

Methods	
Method Code	Method Description

Fieldwork Even	Fieldwork Events						
Start Date	Status	Field ID	Station ID	Station Name			
4/10/2012 12:20	COMPLETE	ILB	443043	Indian Lake - Deep Hole			
4/10/2012 12:20	COMPLETE	ILS	443043	Indian Lake - Deep Hole			
6/5/2012 12:30	COMPLETE	ILB	443043	Indian Lake - Deep Hole			
6/5/2012 12:30	COMPLETE	ILS	443043	Indian Lake - Deep Hole			
7/19/2012 10:00	COMPLETE	ILB	443043	Indian Lake - Deep Hole			
7/19/2012 10:00	COMPLETE	ILS	443043	Indian Lake - Deep Hole			
8/22/2012 10:00	COMPLETE	ILB	443043	Indian Lake - Deep Hole			
8/22/2012 10:00	COMPLETE	ILS	443043	Indian Lake - Deep Hole			
10/29/2012 15:30	COMPLETE	ILB	443043	Indian Lake - Deep Hole			
10/29/2012 15:30	COMPLETE	ILS	443043	Indian Lake - Deep Hole			
2/13/2013 15:00	COMPLETE	ILB	443043	Indian Lake - Deep Hole			
2/13/2013 15:00	COMPLETE	ILS	443043	Indian Lake - Deep Hole			

Documents						
Title	Description	Author	Published	Comments		
Indian Lake Comprehensive Management Plan 2014	Indian Lake (Oneida County) comprehensive management plan, sponsored by Indian Lake Association, prepared by Onterra, LLC. Includes photos, maps, graphs, tables, and diagrams. Maps and appendices attached.	Onterra, LLC.	5/19/2014			
Indian Lake Comprehensive Management Plan Appendices 2014	Appendices to accompany Indian Lake Comprehensive Management Plan 2014, prepared by Onterra, LLC. Includes public participation materials, stakeholder survey response charts and comments, water quality data, watershed analysis WILMS results, aquatic plant survey data, and WDNR 2008 comprehensive survey summary.	Onterra, LLC.	5/19/2014			

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Indian Lake Comprehensive	Maps to accompany Indian Lake	Onterra, LLC.	5/19/2014	
Management Plan Maps	Comprehensive Management Plan			
2014	2014, prepared by Onterra, LLC.			

Budget

Combined Budgets: Combined WSLH:

Combined Total: \$0.00

Funding					
Organization	Source	Туре	Amount	Start Date	End Date