

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: AEPP-239-10
Name: SOO LAKE UNITED ASSOC INC: Lac Sault Dore Lake Management Planning Project
Type: Aquatic Invasives Grant
Subtype: Aquatic Invasives Education
Status: COMPLETE
Start Date: 04/01/2010
End Date: 06/30/2014
Purpose: The Soo Lake United Property Owners Association will conduct work to complete a Lake Management Plan. This will include pre and post monitoring of the aquatic plant community before and after a draw down, and a plan to evaluate options of Eurasian Water Milfoil (EWM) control and future lake management alternatives.

The project includes the following goals: 1) Involve local stakeholders in the planning process; 2) Conduct curly-leaf pondweed survey; 3) Conduct a pre and post point -intercept plant survey (2010-11); 4) Complete native and non-native community mapping; 5) Complete sediment compaction surveys (2010-11); 6) Complete a shoreline assessment; 7) Complete a watershed assessment; 8) Conduct lake water quality monitoring/evaluation; 9) Compile fisheries data information; 10) Evaluation of the draw down; 11) Conduct Dreissena Mussel monitoring; 12) Development of a lake management plan (including EWM control options).

Project deliverables include: 1) The final report should include the 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 Soo Lake and its drainage basin.

Specific conditions for this Project: 1) The WDNR would like to review a draft of the Lake Management Plan; 2) The 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 SOO LAKE UNITED ASSOC INC

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Gruszka, Denise	TEAM_MEMBER	COMPLETE	04/01/2010	05/07/2014		
Gruszka, Stanley	TEAM_MEMBER	COMPLETE	04/01/2010	05/07/2014		
Hanke, Todd	TEAM_MEMBER	COMPLETE	04/01/2010	05/07/2014	Onterra, LLC	
Hoyman, Tim	TEAM_MEMBER	COMPLETE	04/01/2010	05/07/2014	Onterra, LLC	
Soo Lake United,	GRANT_RECIIII	COMPLETE	04/01/2010	05/07/2014	Soo Lake United	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
Monitor Water Quality or Sediment		04/01/2010	06/30/2014	PROPOSED
Shoreland Monitoring, Assessment, Inventory	Shoreland Monitoring, Assessment or Inventory	04/01/2010	06/30/2014	PROPOSED
Grant Awarded	AEPP-239-10	04/01/2010	06/30/2014	COMPLETE
Lake Management Plan Development	34876410	04/01/2010		PROPOSED

Monitoring Stations

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Station ID	Name	Comments
513087	Lac Sault Dore - Deep Hole	

Assessment Units

WBIC	Segment	Local Name	Official Name
2236500	1	Elk River	Elk River
2236800	1	Lac Sault Dore (Soo Lake)	Lac Sault Dore

Lab Account Codes

Account Code	Description	Start Date	End Date
AS008	AQUATIC INVASIVE SPECIES (PLAN	01/01/1960	12/31/2099
AS009	AQUATIC INVASIVE SPECIES (PLAN	01/01/1960	12/31/2099
AS010	AQUATIC INVASIVE SPECIES (PLAN	01/01/1960	12/31/2099

Forms

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

Methods

Method Code	Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
04/20/2010 10:30	COMPLETE	LSDLB	513087	Lac Sault Dore - Deep Hole
04/20/2010 10:30	COMPLETE	LSDLS	513087	Lac Sault Dore - Deep Hole
06/16/2010 15:00	COMPLETE	LSDLS	513087	Lac Sault Dore - Deep Hole
07/19/2010 09:30	COMPLETE	LSDLS	513087	Lac Sault Dore - Deep Hole
08/16/2010 11:00	COMPLETE	LSDLS	513087	Lac Sault Dore - Deep Hole
04/28/2011 09:00	COMPLETE	LSDLB	513087	Lac Sault Dore - Deep Hole
04/28/2011 09:00	COMPLETE	LSDLS	513087	Lac Sault Dore - Deep Hole
06/19/2011 14:30	COMPLETE	LSDLS	513087	Lac Sault Dore - Deep Hole
07/18/2011 10:30	COMPLETE	LSDLS	513087	Lac Sault Dore - Deep Hole
08/15/2011 11:30	COMPLETE	LSDLS	513087	Lac Sault Dore - Deep Hole
10/25/2011 08:30	COMPLETE	LSDLB	513087	Lac Sault Dore - Deep Hole
10/25/2011 08:30	COMPLETE	LSDLS	513087	Lac Sault Dore - Deep Hole
03/07/2012 13:40	COMPLETE	LSDLB	513087	Lac Sault Dore - Deep Hole
03/07/2012 13:40	COMPLETE	LSDLS	513087	Lac Sault Dore - Deep Hole

Documents

Title	Description	Author	Published	Comments
Appendices		Onterra LLC	06/30/2013	
Comprehensive Management Plan		Onterra LLC	06/30/2013	
Lac Sault Dore Comprehensive Management Plan 2013	Lac Sault Dore (Price County) comprehensive management plan, sponsored by Lac Sault Dore United Association, prepared by Onterra, LLC. Includes photos, maps, graphs, tables, and diagrams. Maps and appendices attached.	Onterra, LLC.	06/24/2013	

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Title	Description	Author	Published	Comments
Lac Sault Dore Comprehensive Management Plan Appendices 2013	Appendices to accompany Lac Sault Dore Comprehensive Management Plan 2013, 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 aquatic plant strategy of the northern region.	Onterra, LLC.	06/24/2013	
Lac Sault Dore Comprehensive Management Plan Maps 2013	Maps to accompany Lac Sault Dore Comprehensive Management Plan 2013, prepared by Onterra, LLC.	Onterra, LLC.	06/24/2013	
Lac Sault Dore Map		Onterra LLC	04/09/2012	

Budget

Combined Budgets:
Combined SLOH:
Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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