

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: ACEI-079-10
Name: NORTH & SOUTH TWIN LAKES RIPARIAN ASSN: North & South Twin Lakes AIS Control & Prevention Project, 2.0
Type: Aquatic Invasives Grant
Subtype: Aquatic Invasives Control
Status: COMPLETE
Start Date: 04/01/2010
End Date: 12/31/2012
Purpose: The North and South Twin Lakes Riparian Association (NSTLRA) is sponsoring an AIS ACEI grant on North and South Twin Lakes in Vilas County. This is the second ACEI grant encumbered, funding years 3 and 4, as part of a four year project that will focus on EWM management, and AIS education, prevention and monitoring. The goal is to reduce the treatable EWM to less than 10 acres. This will allow NSTLRA to continue management of AIS with minimal state assistance.

Project activities include: 1) Annual chemical treatments of EWM and residual monitoring; 2) Hand removal by divers of EWM as an experimental EWM control technique; 3) Annual Pre and Post treatment monitoring and analysis; 4) Annual volunteer AIS monitoring, innovative signage improvements and an AIS pamphlet distribution; 5) Recruit volunteers and implement a CB/CW program; 6) Entry of inspection forms 3200-120 and monitoring forms onto Dept website; 7) Develop annual project report and a final report.

Project deliverables include: 1) Chemical and hand removal control of EWM; 2) Pre and post treatment survey and residual monitoring data; 3) Completed entry of inspection 3200-120 and monitoring forms onto Dept website; 4) AIS educational, prevention and monitoring activities; 5) Final report summarizing EWM management during project and future EWM management suggestions, CB/CW activities, AIS monitoring and AIS educational activities

Specific Conditions for this project: Final report needs Dept review and approval.

WDNR Lakes Management Coordinator will be provided with an electronic (pdf or word) and hard copy of final report, all annual reports, pre and post treatment survey data, photographs of signage improvements, and samples of educational and outreach products.

Objective:
Comments: Grantee is NORTH & SOUTH TWIN LAKES RIPARIAN ASSN
Outcome:
Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
North and South Twin Lakes	GRANT_RECIP	COMPLETE	04/01/2010	12/31/2012	North and South Twin Lakes Riparian Association	

Project Statuses

Date	Reported By	Status	Comments
------	-------------	--------	----------

Actions

Action	Detailed Description	Start	End Date	Status
--------	----------------------	-------	----------	--------

Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start	End Date	Status
APM Chemical Permit Request		04/01/2010	06/30/2012	PROPOSED
Details:	Parameter	Value/Amount	Units	Comments
	24D Granular, # Acres			
	24D Granular, # Pounds			
	24D Liquid, # Acres			
	24D Liquid, # Pounds			
	Aquashade, # Acres			
	Aquashade, # Pounds			
	Biological, # Pounds			
	Biologicals, # Acres			
	Copper Granular, # Acres			
	Copper Granular, # Pounds			
	Copper Liquid, # Acres			
	Copper Liquid, # Gallons			
	Cutrine +, # Acres			
	Cutrine +, # Gallons			
	Cutrine, # Acres			
	Cutrine, # Gallons			
	Diquat, # Acres			
	Diquat, # Pounds			
	Endothall Granular, # Acres			
	Endothall Granular, # Pounds			
	Endothall Liquid, # Acres			
	Endothall Liquid, # Pounds			
	Floridone Granular, # Acres			
	Floridone Granular, # Pounds			
	Floridone Liquid, # Acres			
	Floridone Liquid, # Pounds			
	Glyphosate, # Acres			
	Glyphosate, # Pounds			
	Herbicide Treatment and Water Use Restriction Signs Posted in Accordance with NR 107?			
	Nautique, # Acres			
	Nautique, # Gallons			
	Navigate, # Acres			
	Navigate, # Pounds			
	Onsite Supervision Present?			
	Reward, # Acres			
	Reward, # Gallons			
	Rodeo, # Acres			
	Rodeo, # Gallons			
Grant Awarded	ACEI-079-10	04/01/2010	06/30/2012	COMPLETE
Monitor Pre and Post Treatment		04/01/2010	06/30/2012	PROPOSED
Grant Awarded	ACEI-079-10	04/01/2010	06/30/2012	COMPLETE
Watercraft Inspections Clean Boats, Clean Waters	CBCW-1623700	04/01/2010		PROPOSED

Wisconsin Department of Natural Resources SWIMS Project Summary

Monitoring Stations

Station ID	Name	Comments
------------	------	----------

Assessment Units

WBIC	Segment	Local Name	Official Name
1623700	1	Twin Lakes	Twin Lakes (South)
1623800	1	Twin Lakes	Twin Lakes (North)

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
-----------	-----------

Methods

Method Code	Description
-------------	-------------

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
------------	--------	----------	------------	--------------

Documents

Title	Description	Author	Published	Comments
North & South Twin Lakes Final Report 2012	Final report with photos, figures, tables, and maps	Onterra, LLC	02/15/2012	
North & South Twin Lakes Treatment Report 2010	Treatment report with figures and graphs, including maps by Onterra, LLC	North & South Twin Lakes Riparian Association	03/15/2011	
North & South Twin Lakes Treatment Report 2010 Appendix A	Draft: South Twin Lake, Vilas County, Residual Monitoring Results, 2010 John Skogerboe: US Army Engineer Research and Development Center Includes tables and figures, including a map by Onterra, LLC	John Skogerboe	03/15/2010	
North & South Twin Lakes Treatment Report 2012	Treatment report with figures, including maps by Onterra, LLC	North & South Twin Lakes Riparian Association	03/15/2013	

Budget

Combined Budgets:

Combined SLOH:

Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
--------------	--------	------	--------	------------	----------