

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: ACEI-118-12

Name: MUSSER LAKE ASSOCIATION: Musser Lake AIS Control & Prevention Project - Implementation Phase 1

Type: Aquatic Invasives Grant

Subtype: Aquatic Invasives Control

Status: COMPLETE

Start Date: 4/1/2012

End Date: 6/30/2018

Purpose: The Musser Lake Association is sponsoring an AIS control project. In recent years curly leaf pondweed (CLP) has infested the flowage, and negatively affected the native vegetation species and has degraded the general ability for residents and tourists to enjoy the lakes. The lake association completed an Aquatic Plant management Plan in 2011. This control grant implements recommendations listed in the approved plan including a herbicide treatment.

Project goals include: 1) Spot (67 acre total) liquid endothall treatment of CLP on Musser lake; 2) CLP peak biomass surveys; 3) Pre/Post evaluation monitoring; 4) Residual endothall sampling; 5) Clean Boats Clean Waters monitoring program; 6) Shoreline buffer installation project; 7) AIS signage installation project.

Project deliverables include a final report including a discussion of the results of the post treatment surveys and recommended treatment strategies for 2013.

Specific conditions for this Project: 1) The WDNR will be provided electronic and hard copies of all data and or reports/plans generated as a result of this project; 2) Provide hard copy of point intercept data in proper spreadsheet format.

Objective:

Comments: Grantee is MUSSER LAKE ASSOCIATION

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Musser Lake Association,	GRANT_RECIPIENT	ACTIVE	4/1/2012		Musser Lake Association	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Aquatic Plant Monitoring or Survey		4/1/2012	6/30/2015	PROPOSED
Easement/Buffer	install buffers	4/1/2012	6/30/2015	PROPOSED
Biomonitoring Toxicity Tests		4/1/2012	6/30/2015	PROPOSED
Watercraft Inspections Clean Boats, Clean Waters		4/1/2012	6/30/2015	PROPOSED
Monitor Pre and Post Treatment		4/1/2012	6/30/2015	PROPOSED

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Project Deliverable	final report of activities and results	4/1/2012	6/30/2015	PROPOSED
Install Kiosk or Sign		4/1/2012	6/30/2015	PROPOSED
APM Chemical Permit Request		4/1/2012	6/30/2015	PROPOSED

Details: Parameter	Value/Amount	Units	Comments
24D Granular, # Acres			
24D Granular, # Pounds			
24D Liquid, # Acres			
24D Liquid, # Pounds			
Acres Treated - 1997 to 2003			
Amount of Chemicals used - 1997 to 2003			
Aqua-Pro Acres			
Aqua-Pro Gallons			
Aquacide, # Pounds			
Aquaneat Acres			
Aquaneat Gallons			
Aquashade Acres			
Aquashade Pounds			
Aquastar Acres			
Aquastar Gallons			
Aquathol Acres			
Aquathol Gallons			
Aquathol K Acres			
Aquathol K Gallons			
Aquathol, # Pounds			
Avast Acres			
Avast Gallons			
Chemicals Used - 1997 to 2003			
Clearcast Acres			
Clearcast Gallons			
Clearigate Acres			
Clearigate Gallons			
Comments			
Contains Herbicide totals			
Copper Acres			
Copper Liquid, # Acres			
Copper Liquid, # Gallons			
Copper Pounds			
Citrine Acres			
Citrine Liquid Acres			
Citrine Liquid Gallons			

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Details: Parameter	Value/Amount	Units	Comments
Cutrine Plus Acres			
Cutrine Plus Liquid Acres			
Cutrine Plus Liquid Gallons			
Cutrine Plus Pounds			
Cutrine Pounds			
Cutrine Ultra Acres			
Cutrine Ultra Gallons			
DMA 4 IVM Acres			
DMA 4 IVM Gallons			
Did Treatments Occur			
Diquat Acres			
Diquat Gallons			
Diquat Liquid Acres			
Diquat Pounds			
Endothol Acres			
Endothol Liquid Acres			
Endothol Liquid Gallons			
Endothol Pounds			
Fee			
Floridone Acres			
Floridone Gallons			
Glyphosate Acres			
Glyphosate Gallons			
Glyphosate Liquid Acres			
Glyphosate Pounds			
Green Clean Acres			
Green Clean Gallons			
H2O2 Acres			
H2O2 Pounds			
Habitat Acres			
Habitat Gallons			
Harvester Acres			
Harvester Gallons			
Herbicide Treatment and Water Use Restriction Signs Posted in Accordance with NR 107?			
Hydrothol Acres			
Hydrothol Gallons			
Imazapyr Acres			
Imazapyr Gallons			
Nautique Acres			
Nautique Gallons			

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Details: Parameter	Value/Amount	Units	Comments	
Navigate Acres				
Navigate, # Pounds				
Onsite Supervision Present?				
Permit #				
Phycomycin Acres				
Phycomycin Pounds				
Polaris Acres				
Polaris Gallons				
Refuge Acres				
Refuge Gallons				
Reward Acres				
Reward Gallons				
Reward Liquid Acres				
Reward Pounds				
Rodeo Acres				
Rodeo Gallons				
SCI-62 Acres				
SCI-62 Gallons				
Sculpin G Acres				
Sculpin G Pounds				
SeClear Acres				
SeClear Gallons				
ShoreKlear Acres				
ShoreKlear Gallons				
Sonar AS Gallons				
Sonar AS Acres				
Touchdown Pro Acres				
Touchdown Pro Gallons				
Treatment Date				
Treatment Date Series				
Tribune Acres				
Tribune Gallons				
Vectobac Acres				
Vectobac Gallons				
Grant Awarded		4/1/2012	6/30/2013	COMPLETE

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

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WBIC	Segment	Local Name	Official Name
2236500	2	Elk River	Elk River
2236500	3	Elk River	Elk River
2245200	1	Worcester Creek	Chase Creek
2245500	1	Popple Creek	Popple Creek
2246900	1	Musser Creek	Musser Creek

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	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
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Documents

Title	Description	Author	Published	Comments
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Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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