

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: ACEI-130-13
Name: TOMAHAWK LAKE ASSOCIATION: Tomahawk Lake AIS Grant 2013 & 2014
Type: Aquatic Invasives Grant
Subtype: Aquatic Invasives Control
Status: COMPLETE
Start Date: 04/01/2013
End Date: 06/30/2015
Purpose: Tomahawk Lake Association, Inc (TLA) is sponsoring an ACEI grant on the Tomahawk Lake system, in Oneida County. This is a five year project focusing on EWM management, and AIS education, prevention and monitoring. This grant covers the costs of year 2019s 5 and 6 of implementation. The goal is to reduce the treatable EWM coverage by 80%. This will allow TLA to continue management of EWM with minimal state financial assistance. An updated management plan will need to be submitted before applying for further AIS control grant assistance.

Project activities include: 1) Annual chemical treatments of EWM; 2) Manual removal of EWM with hydraulic conveyor; 3) Annual pre/post treatment monitoring and analysis; 4) Conduct paid and volunteer watercraft inspections; 5) Mapping and control of purple loosestrife (PL); 6) Annual volunteer AIS training and monitoring; 7) Entry of inspection and monitoring forms into SWIMS; 8) Educational outreach activities as listed on pages 25-34 of proposal; 9) Volunteer herbicide concentration monitoring; 10) Develop annual project reports and a final report.

Project deliverables include: 1) Chemical, biological and manual control of AIS, including mapping; 2) Pre/post treatment survey and chemical concentration sampling data; 3) Entered inspection and monitoring data into SWIMS; 4) AIS educational activities; 5) Annual reports and final report summarizing AIS management and future AIS management suggestions, inspection activities, AIS monitoring, and AIS educational activities.

Specific project conditions: Annual reports and final report needs Dept review and approval.

WDNR Lakes Management Coordinator will be provided with an electronic (pdf or word) copy of final report and annual reports, educational outreach products, survey data (includes: pre/post treatment and PL), and all maps from the project.

Objective:
Comments: Grantee is TOMAHAWK LAKE ASSOCIATION
Outcome:
Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Greedy, Edward	TEAM_MEMBER	COMPLETE	04/01/2013	06/30/2015	Tomahawk Lake Association	
Tomahawk Lake Association,	GRANT_RECIP	ACTIVE	06/17/2013		Tomahawk Lake Association	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
Biomonitoring Toxicity Tests	Herbicide Concentration Monitoring	04/01/2013	06/30/2015	PROPOSED
Monitor Pre and Post Treatment Information and Education		04/01/2013	06/30/2015	PROPOSED
Project Deliverable	annual project reports	04/01/2013	06/30/2015	PROPOSED

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Action	Detailed Description	Start	End Date	Status
APM Chemical Permit Request		04/01/2013	06/30/2015	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			
	Citrine Plus Acres			
	Citrine Plus Liquid Acres			
	Citrine Plus Liquid Gallons			
	Citrine Plus Pounds			
	Citrine Pounds			
	Citrine Ultra Acres			
	Citrine Ultra Gallons			
	DMA 4 IVM Acres			

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Action	Detailed Description	Start	End Date	Status
Details: Parameter	Value/Amount	Units	Comments	
	DMA 4 IVM Gallons			
	Did Treatments Occur			
	Diquat Acres			
	Diquat Gallons			
	Diquat Liquid Acres			
	Diquat Pounds			
	Endotholl Acres			
	Endotholl Liquid Acres			
	Endotholl Liquid Gallons			
	Endotholl 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			
	Navigate Acres			
	Navigate, # Pounds			
	Onsite Supervision Present?			
	Permit #			
	Phycomycin Acres			
	Phycomycin Pounds			
	Polaris Acres			
	Polaris Gallons			
	Refuge Acres			
	Refuge Gallons			
	Reward Acres			
	Reward Gallons			

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Action	Detailed Description	Start	End Date	Status
Details: Parameter	Value/Amount	Units	Comments	
	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			
	Sonor AS Acres			
	Touchdown Pro Acres			
	Touchdown Pro Gallons			
	Treatment Date			
	Treatment Date Series			
	Tribune Acres			
	Tribune Gallons			
	Vectobac Acres			
	Vectobac Gallons			
APM Mechanical Permit Request			04/01/2013 06/30/2015	PROPOSED
Details: Parameter	Value/Amount	Units	Comments	
	Total Acres harvested			
	Total pounds of plants harvested			
Grant Awarded			04/01/2013 06/30/2015	COMPLETE
Watercraft Inspections Clean Boats, Clean Waters			04/01/2013 06/30/2015	PROPOSED
Aquatic Plant Monitoring or Survey	Mapping of Purple Loosestrife		04/01/2013 06/30/2015	PROPOSED
Project Deliverable	Final Report		04/01/2013 06/30/2015	PROPOSED
Train Volunteers to Monitor Lakes for Invasive Species			04/01/2013 06/30/2015	PROPOSED

Monitoring Stations

Station ID	Name	Comments
10001456	Tomahawk Lake	

Assessment Units

WBIC	Segment	Local Name	Official Name
1542700	1	Tomahawk Lake	Tomahawk Lake

Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

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Form Code **Form Name**

Methods

Method Code	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
2013 Hydraulic Conveyor System Final Harvesting Report	The summer harvesting season of 2013 was a continuation in the Hydraulic Conveyor System's (HCS) program development, building upon the strong operational base established in the initial summer of HCS operation in 2009. Continued refinement of operational protocols has taken place over its years of operation, but the overall goal of the HCS continues to be for the purposes that it was designed for; removing new, previously undiscovered points of infestation of EWM. It is by removing these newly discovered infestation sites that the goal of stopping or greatly reducing the spread of EWM before it becomes established may be realized.	Unknown	11/23/2015	
Final Report - Tomahawk Lake AIS Grant - 2013 and 2014 - Grant #ACEI-130-13	In January of 2013, the Tomahawk Lake Association Incorporated (TLA) of Oneida County made application to the Wisconsin Department of Natural Resources for a two-year cost-sharing AIS control grant. The primary problem that was addressed within the grant application was the control and reduction of Aquatic Invasive Species (AIS), and more specifically Eurasian Water Milfoil in the Tomahawk Lake watershed. The grant application closely followed the recommendations spelled out in the Tomahawk Lake Comprehensive Lake Management Plan (CLMP) approved by the Wisconsin Department of Natural Resources in 2009.	Edward Greedy	11/23/2015	

Budget

Combined Budgets:
Combined SLOH:
Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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