

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL-1564-15

Name: HALSEY LAKE ASSOCIATION: Halsey Lake Comprehensive Lake Management Plan

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 2/15/2015

End Date: 12/31/2018

Purpose: The Halsey Lake Association is sponsoring a project to complete a comprehensive Lake Management (CLM) Plan with the following goals: 1) Determine lake plant community diversity; 2) Monitor and prevent AIS spread into Halsey Lk; 3) Maintain and improve recreational opportunities; 4) Help the County achieve County Land and Water Resource plan objectives; 5) Define watershed and nutrient loading issues internal and external; 6) Identify factors that can reduce lake nutrient loading; 7) Produce ground and surface water mass balance equation by collecting inflow/outflow data; 8) Identify, protect, designate and improve critical fish and wildlife habitat sensitive areas; 9) Evaluate water quality and seasonal water level variations, address concerns/solutions; 10) Educate lake users and association members on AIS.

Project deliverables include: CLM Plan including all necessary NR specific items and the following elements: 1) Lake information (water quality, watershed, fisheries); 2) Lake user survey of public perception and goals, with statistical results; 3) Aquatic plant communities; 4) Aquatic plant issues/concerns; 5) AIS monitoring and rapid response protocol; 6) Historical lake management; 7) Ground and surface water inflow/outflow mass balance model; 8) Lake ecosystem management alternatives, triggers and action items; 9) Sensitive area/critical habitat identification and designation; 10) Water quality assessment and recommendations; 11) Water level issues and possible solutions; 12) Watershed evaluation and nutrient loading analysis; 13) Fisheries assessment and recommendations; 14) Shoreland habitat and buffer restoration/preservation recommendations; 15) Monitoring and evaluation \2013 who, what, when and where; 16) Public education; 17) CB/CW activities.

Specific project conditions: WDNR review of the draft of the Lake Management Plan; WDNR will be provided electronic and hard copies of data and reports/plans generated as a result of this project.

Objective:

Comments: Grantee is HALSEY LAKE ASSOCIATION

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Halsey Lake Association Inc,	GRANT_RECIPIENT	ACTIVE	3/11/2015		Halsey Lake Association Inc	
Kreitlow, James D	COORDINATOR	COMPLETE	3/11/2015	8/29/2020	Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	The Halsey Lake Association is sponsoring a project to complete a comprehensive Lake Management (CLM) Plan with the following goals: 1) Determine lake plant community diversity; 2) Monitor and prevent AIS spread into Halsey Lk; 3) Maintain and improve recreational opportunities; 4) Help the County achieve County Land and Water Resource plan objectives; 5) Define watershed and nutrient loading issues internal and external; 6) Identify factors that can reduce lake nutrient loading; 7) Produce ground and surface water mass balance equation by collecting inflow/outflow data; 8) Identify, protect, designate and improve critical fish and wildlife habitat sensitive areas; 9) Evaluate water quality and seasonal water level variations, address concerns/solutions; 10) Educate lake users and association members on AIS.	2/15/2015	12/31/2016	COMPLETE

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
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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

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Title	Description	Author	Published	Comments
Halsey Lake - Comprehensive Lake Management Plan	Halsey Lake is the largest lake in Florence County and provides numerous recreation opportunities for a wide spectrum of users. This management plan provides a multi-faceted approach to address issues and recommend management options based on best fit, cost, feasibility, and desires constructed from direct input from the lake user survey questions. Many management options are evaluated and, while there is not one silver bullet, it is likely a combination of techniques over a period of several years that will begin to yield positive results. The basic plan is based on exploration of new aquatic plant management techniques with expanded actions for protection of the Lake from AIS, water quality maintenance, and a stabilization of water levels. Some of these actions potentially include aeration system installation, addressing point and non-point source nutrient loading, protection of ecologically sensitive areas, and AIS and boat landing monitoring. It would be recommended the group start small with a specific project component or area of the lake to gain early and immediate success and build off of that for future projects.	Wisconsin Lake & Pond Resource	9/14/2018	
Halsey Lake Association Qualified Organization Approval Letter	The approval letter for the Halsey Lake Association to be an eligible organization for the surface water grants program.	Jane C. Malischke	1/27/2014	

Budget

Combined Budgets:
Combined WSLH:
Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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