

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: ACEI-068-10

Name: ENTERPRISE LAKE PROTECTION & REHAB DISTRICT: Enterprise Lake AIS Control Project

Type: Aquatic Invasives Grant

Subtype: Aquatic Invasives Control

Status: COMPLETE

Start Date: 10/1/2009

End Date: 12/31/2022

Purpose: Enterprise Lake P&R District is sponsoring a five year project focusing on EWM and Purple Loosestrife (PL) management, AIS education, prevention and monitoring. The goal is to reduce the treatable EWM to less than 10 acres, have the frequency of EWM being observed at less than 10% of littoral point-intercept (PI) locations within a whole-lake survey and all EWM stands below a density of D=1.

Project activities:: 1) Annual EWM chemical treatments; 2) Annual pre/post treatment monitoring and analysis; 3) Project kick-off meeting, wrap-up meeting and AIS training; 4) PL monitoring and control and landing signs; 5) Annual volunteer AIS monitoring and hand removal; 6) Purchase GPS unit for volunteer monitoring; 7) Water quality sampling (P, secchi, chl_a, DO and temp) and WILMS modeling; 8) CB/CW with volunteers and paid inspector; 9) Entry of inspection forms 3200-120 and monitoring forms onto Dept. website; 10) PI aquatic plant survey and community mapping; 11) Annual project reports and final report.

Project deliverables: 1) Chemical and beetle control of PL and EWM; 2) Pre/post treatment PI survey, water quality sampling, and modeling data; 3) Hand removal and annual mapping of PL and EWM; 4) Completed entry of inspection and monitoring forms onto Dept website; 5) GPS unit, 2 sets of plant vouchers and 200 hours of annual inspection time; 6) Annual and final reports summarizing project AIS management, future AIS management suggestions, CB/CW activities, AIS monitoring and AIS educational activities

Specific Conditions: Annual and final reports need 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, all maps, all GIS, vouchers, and survey data (includes: pre/post treatment, PI, water quality, and modeling).

Objective:

Comments: Grantee is ENTERPRISE LAKE PROTECTION & REHAB DISTRICT

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Enterprise Lake P & R Dist,	GRANT_RECIPIENT	ACTIVE	10/1/2009		Enterprise Lake P & R Dist	
Heath, Eddie	TEAM_MEMBER	ACTIVE	10/20/2021		Onterra, LLC	This (Onterra LLC) is the contractor working on this grant project.
Hoyman, Tim	TEAM_MEMBER	ACTIVE	10/22/2021		Onterra, LLC	
Van Egeren, Scott J	TEAM_MEMBER	ACTIVE	10/22/2021		Wisconsin DNR	

Project Statuses

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Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Watercraft Inspections Clean Boats, Clean Waters	CBCW-1579700	4/18/2005		PROPOSED
Monitor Water Quality or Sediment		10/1/2009	12/31/2014	PROPOSED
Control Invasive Species	31959772	10/1/2009		PROPOSED
Monitor Pre and Post Treatment		10/1/2009	12/31/2014	PROPOSED
APM Chemical Permit Request		10/1/2009	12/31/2014	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			

8/28/2024

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Details: Parameter	Value/Amount	Units	Comments		
Nautique, # Gallons					
Navigate, # Acres					
Navigate, # Pounds					
Onsite Supervision Present?					
Reward, # Acres					
Reward, # Gallons					
Rodeo, # Acres					
Rodeo, # Gallons					
Grant Awarded	ACEI-068-10	10/1/2009	12/31/2014	COMPLETE	

Monitoring Stations

Station ID	Name	Comments
343120	Enterprise Lake - Deep Hole	

Assessment Units

WBIC	Segment	Local Name	Official Name
1579700	1	Enterprise Lake	Enterprise Lake

Lab Account Codes

Account Code	Description	Start Date	End Date
AS008	AQUATIC INVASIVE SPECIES (PLANNING GRANT)	1/1/1960	12/31/2099
AS009	AQUATIC INVASIVE SPECIES (PLANNING GRANT)	1/1/1960	12/31/2099
AS010	AQUATIC INVASIVE SPECIES (PLANNING GRANT)	1/1/1960	12/31/2099

Forms

Form Code	Form Name
SECCHI_TEMPDO_PLUS	Lake Monitoring - Secchi, Temp., D.O., pH, Conductivity

Methods

Method Code	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
7/22/2021 11:40	COMPLETE	ENTS-JULY-S	343120	Enterprise Lake - Deep Hole

Documents

Title	Description	Author	Published	Comments
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Budget

8/28/2024

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Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding					
Organization	Source	Type	Amount	Start Date	End Date