

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: LPL-1325-10

Name: PINE LAKE P & R DISTRICT: Pine Lake Management Planning Project, Phase III

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 10/1/2009

End Date: 12/31/2011

Purpose: Pine Lake P&R District is sponsoring a project focusing on development of a Lake Management Plan (LMP) for Pine Lake including an AIS control plan and a native mechanical harvesting plan. Completion of a LMP will allow for potential Aquatic Invasive Species (AIS) cost sharing grants and permits for Eurasian water-milfoil (EWM) control. Phases 1 and 2 were funded in Feb 2009 and Phase 3 was funded in this cycle.

Project activities include: 1) Stakeholder participation \2013 kick-off meeting, AIS training, stakeholder survey, planning meetings (up to 2), wrap-up meeting, news release, newsletter article, and progress report; 2) Recruit volunteers and implement a CB/CW program; 3) Annual volunteer AIS monitoring; 4) Water quality sampling (Secchi, P, Chla, N, Conductivity, pH, Alkalinity, Total Suspended solids, Calcium, DO, and temp); 5) Curly-leaf pondweed (CLP) survey and aquatic plant community mapping; 6) Sensitive area delineation; 7) Fisheries assessment; 8) Watershed assessment and P load modeling; 9) Zebra mussel monitoring; 10)Develop LMP (with AIS control and harvesting components).

Project deliverables include: 1) Lake Management Plan with AIS control and harvesting components.

Specific conditions: 1) LMP needs Dept review and approval.

WDNR Lakes Management Coordinator will be provided with an electronic (pdf or word) and hard copy of LMP, stakeholder survey, news release, newsletter article, progress report, data and P modeling from watershed assessment, all GIS data, and all maps from project.

Objective:

Comments: Grantee is PINE LAKE P & R DISTRICT

Outcome:

Study Design:

QA Measures:

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Pine Lake P & R District,	GRANT_RECIPIENT	ACTIVE	10/1/2009	12/31/2011	Pine Lake P & R District	

Project Statuses			
Date	Reported By	Status	Comments

Actions				
Action	Detailed Description	Start Date	End Date	Status
Watershed Mapping or Assessment		10/1/2009	6/30/2011	PROPOSED
Monitor Water Quality or Sediment		10/1/2009	6/30/2011	PROPOSED

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Grant Awarded	<p>Pine Lake P&R District is sponsoring a project focusing on development of a Lake Management Plan (LMP) for Pine Lake including an AIS control plan and a native mechanical harvesting plan. Completion of a LMP will allow for potential Aquatic Invasive Species (AIS) cost sharing grants and permits for Eurasian water-milfoil (EWM) control. Phases 1 and 2 were funded in Feb 2009 and Phase 3 was funded in this cycle.</p> <p>Project activities include: 1) Stakeholder participation \2013 kick-off meeting, AIS training, stakeholder survey, planning meetings (up to 2), wrap-up meeting, news release, newsletter article, and progress report; 2) Recruit volunteers and implement a CB/CW program; 3) Annual volunteer AIS monitoring; 4) Water quality sampling (Secchi, P, Chla, N, Conductivity, pH, Alkalinity, Total Suspended solids, Calcium, DO, and temp); 5) Curly-leaf pondweed (CLP) survey and aquatic plant community mapping; 6) Sensitive area delineation; 7) Fisheries assessment; 8) Watershed assessment and P load modeling; 9) Zebra mussel monitoring; 10)Develop LMP (with AIS control and harvesting components).</p> <p>Project deliverables include: 1) Lake Management Plan with AIS control and harvesting components.</p>	10/1/2009	6/30/2011	COMPLETE
Lake Management Plan Development	31982101	10/1/2009		PROPOSED
Monitor Invasive Species		10/1/2009	6/30/2011	PROPOSED

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
406900	1	Pine Lake	Pine Lake

Lab Account Codes

Account Code	Description	Start Date	End Date
LM016	Lake Planning Lab Services	1/1/1960	12/31/2099
LM017	LAKE MANAGEMENT PLANNING GRANTS	1/1/1960	12/31/2099
LM018	LAKE MANAGEMENT PLANNING GRANTS	1/1/1960	12/31/2099

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
Pine Lake Forest County, Wisconsin Comprehensive Management Plan		Tim Hoyman, Eddie Heath, Dan Cibulka - Onterra, LLC	5/31/2013	
Pine Lake Forest County, Wisconsin Comprehensive Management Plan Appendicies		Onterra, LLC	5/31/2013	
Pine Lake Forest County, Wisconsin Comprehensive Management Plan Maps		Onterra, LLC	5/31/2013	

Budget

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

Funding

Organization	Source	Type	Amount	Start Date	End Date
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