

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL-1466-12

Name: HOOKER LAKE MANAGEMENT DISTRICT: 2011 Watershed & Water Quality /Levels Study

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 10/1/2011

End Date: 6/30/2017

Purpose: The Hooker Lake Management District will hire a contractor to study the impact of stormwater discharging into Hooker Lake, especially from the STH 83 road expansion. Nutrient samples will be taken from three tributaries to Hooker Lake a total of 7 times. The project deliverable will be a report containing the following elements: 1) inventory of existing water quality data; 2) results of 7 sampling events on three tributaries; 3) use of the field data to run UAL and WILMS models; 4) results of a recreational use survey; 5) results of a shoreline condition survey; 6) mapping of environmental corridors; 7) results of historical map analysis to determine changes in Hooker Lake surface area over time; 8) conclusions from the study and management recommendations; 9) an assessment of whether STH 83 stormwater contributes significant nutrient loading to Hooker Lake and 10) minutes from a public informational meeting discussing the results of the study.

Objective:

Comments: Grantee is HOOKER LAKE MANAGEMENT DISTRICT

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Hooker Lake Management Distric	GRANT_RECIPIENT	ACTIVE	10/1/2011		Hooker Lake Management District	
McEntegart, John	OTHER	ACTIVE	7/7/2017		Hooker Lake Management District	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Social Survey of Residents or Users		10/1/2011	12/31/2013	IN_PROGRESS

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Grant Awarded	The Hooker Lake Management District will hire a contractor to study the impact of stormwater discharging into Hooker Lake, especially from the STH 83 road expansion. Nutrient samples will be taken from three tributaries to Hooker Lake a total of 7 times. The project deliverable will be a report containing the following elements: 1) inventory of existing water quality data; 2) results of 7 sampling events on three tributaries; 3) use of the field data to run UAL and WILMS models; 4) results of a recreational use survey; 5) results of a shoreline condition survey; 6) mapping of environmental corridors; 7) results of historical map analysis to determine changes in Hooker Lake surface area over time; 8) conclusions from the study and management recommendations; 9) an assessment of whether STH 83 stormwater contributes significant nutrient loading to Hooker Lake and 10) minutes from a public informational meeting discussing the results of the study.	10/1/2011	12/31/2013	COMPLETE
Shoreland Monitoring, Assessment, Inventory	Shoreland Monitoring, Assessment or Inventory	10/1/2011	12/31/2016	PROPOSED

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
738400	1	Hooker Lake	Hooker Lake
5041523	1	Local Water	Unnamed
5041828	1	Local Water	Unnamed

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
Hooker Lake Final Report Chapter 1 and 2	This plan complements other existing plans,1 programs, and ongoing management actions in the Hooker Lake watershed. It is important to note that it relies upon the continuing commitment of government agencies, municipalities, and citizens to diligent lake planning and natural resource protection. Additionally, this plan assists State agencies, local units of government, nongovernmental organizations, businesses, and citizens in developing strategies benefitting the natural assets of Hooker Lake. By using the strategies outlined in this plan, the natural environment will be enriched and preserved.	Southeastern Wisconsin Regional Planning Commission	3/1/2017	
Hooker Lake Final Report Chapter 3	This plan complements other existing plans,1 programs, and ongoing management actions in the Hooker Lake watershed. It is important to note that it relies upon the continuing commitment of government agencies, municipalities, and citizens to diligent lake planning and natural resource protection. Additionally, this plan assists State agencies, local units of government, nongovernmental organizations, businesses, and citizens in developing strategies benefitting the natural assets of Hooker Lake. By using the strategies outlined in this plan, the natural environment will be enriched and preserved.	Southeastern Wisconsin Regional Planning Commission	3/1/2017	
Hooker Lake Final Report Appendices A-C	This plan complements other existing plans,1 programs, and ongoing management actions in the Hooker Lake watershed. It is important to note that it relies upon the continuing commitment of government agencies, municipalities, and citizens to diligent lake planning and natural resource protection. Additionally, this plan assists State agencies, local units of government, nongovernmental organizations, businesses, and citizens in developing strategies benefitting the natural assets of Hooker Lake. By using the strategies outlined in this plan, the natural environment will be enriched and preserved.	Southeastern Wisconsin Regional Planning Commission	3/1/2017	

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Hooker Lake Final Report Appendices D-H	This plan complements other existing plans,1 programs, and ongoing management actions in the Hooker Lake watershed. It is important to note that it relies upon the continuing commitment of government agencies, municipalities, and citizens to diligent lake planning and natural resource protection. Additionally, this plan assists State agencies, local units of government, nongovernmental organizations, businesses, and citizens in developing strategies benefitting the natural assets of Hooker Lake. By using the strategies outlined in this plan, the natural environment will be enriched and preserved.	Southeastern Wisconsin Regional Planning Commission	3/1/2017	
Hooker Lake Final Report Appendices I-N	This plan complements other existing plans,1 programs, and ongoing management actions in the Hooker Lake watershed. It is important to note that it relies upon the continuing commitment of government agencies, municipalities, and citizens to diligent lake planning and natural resource protection. Additionally, this plan assists State agencies, local units of government, nongovernmental organizations, businesses, and citizens in developing strategies benefitting the natural assets of Hooker Lake. By using the strategies outlined in this plan, the natural environment will be enriched and preserved.	Southeastern Wisconsin Regional Planning Commission	3/1/2017	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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