

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: SPL-279-12

Name: VILLAGE OF RICHFIELD: Lake Protection Plan for Bark Lake

Type: Lakes Grant

Subtype: Small Scale Lake Planning

Status: COMPLETE

Start Date: 10/1/2011

End Date: 6/30/2014

Purpose: The Village of Richfield will hire a contractor to conduct a plant survey and create the first aquatic plant and lake management plan for Bark Lake. The plant survey will be a point intercept survey totaling 274 points. The lake will be sampled in mid-summer. The final report will contain the following elements: 1) Results of the points sampled, including sediment type found and maximum rooting depth; 2) Results of a general lake survey to map general plant beds, map localized plant beds, map species distribution and a list of plant species found; 3) Review of existing conditions of the watershed, identify and quantify potential point and nonpoint sources of pollution, and identify nutrient and contaminant input and balances; 4) Results of WILMS and UAL modeling; 5) Results of a recreational use survey; 6) An aquatic plant management plan that meets the requirements of NR 109.09; 7) A lake management plan and 8) Minutes from one public meeting regarding lake plan issues.

Two paper copies and one electronic copy of the final plan will be provided to the department. Exact details for all deliverables are described in the project description of grant application.

Objective:**Comments:** Grantee is VILLAGE OF RICHFIELD**Outcome:****Study Design:****QA Measures:**

People

Name	Role	Status	Start Date	End Date	Organization	Comments
SEWRPC,	OTHER	COMPLETE	10/1/2011	6/30/2014	Southeast Wisconsin Regional Planning Commission	
Village of Richfield,	GRANT_RECIPIENT	ACTIVE	10/1/2011		Village of Richfield	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Aquatic Plant Monitoring or Survey		10/1/2011	12/31/2013	IN_PROGRESS

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Grant Awarded	The Village of Richfield will hire a contractor to conduct a plant survey and create the first aquatic plant and lake management plan for Bark Lake. The plant survey will be a point intercept survey totaling 274 points. The lake will be sampled in mid-summer. The final report will contain the following elements: 1) Results of the points sampled, including sediment type found and maximum rooting depth; 2) Results of a general lake survey to map general plant beds, map localized plant beds, map species distribution and a list of plant species found; 3) Review of existing conditions of the watershed, identify and quantify potential point and nonpoint sources of pollution, and identify nutrient and contaminant input and balances; 4) Results of WILMS and UAL modeling; 5) Results of a recreational use survey; 6) An aquatic plant management plan that meets the requirements of NR 109.09; 7) A lake management plan and 8) Minutes from one public meeting regarding lake plan issues.	10/1/2011	12/31/2013	COMPLETE
Water Quality Modeling		10/1/2011	12/31/2013	IN_PROGRESS
Informational Meetings		10/1/2011	12/31/2013	IN_PROGRESS
Aquatic Plant Management Plan		10/1/2011	12/31/2013	IN_PROGRESS

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
813500	1	Bark River	Bark River
828600	1	Bark Lake	Bark Lake

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

Title	Description	Author	Published	Comments
A Lake Protection Plan for Bark Lake - Washington	Research shows that the health of a lake or stream is usually a direct reflection of	Southeastern Wisconsin Regional	1/20/2015	

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County, Wisconsin	<p>the use and management of the land within its watershed. Research also shows that interventions are often necessary to maintain or improve the conditions of these resources. Located within U.S. Public Land Survey Sections 23 and 26, Township 9 North, Range 19 East, in the Village of Richfield, Washington County (see Map 1), Bark Lake, together with its tributaries, and associated wetlands, is a high-quality natural resource. The purpose of this plan is to provide a framework to protect and improve the land and water resources of Bark Lake and its watershed with a focus on protecting this existing high-quality resource from human impacts and preventing future water pollution or resource degradation from occurring. The recommendations provided in the plan are appropriate and feasible watershed management measures for enhancing and preserving the water quality of Bark Lake as well as for providing the public with opportunities for safe and enjoyable recreation within the Lakes watershed. It is important to note that this plan complements other existing programs and ongoing management actions in the Bark Lake watershed and represents the continuing commitments of government agencies, municipalities, and citizens to diligent land use planning and natural resource protection. Additionally, it was designed to assist State and local units of government, nongovernmental organizations, businesses, and citizens in developing strategies that will benefit the natural assets of Bark Lake and protect sensitive habitats within the watershed. By using the strategies outlined in this plan, results will be achieved that enrich and preserve the natural environment. This planning program was funded, in part, through a Chapter NR 190 Lake Management Planning Grant awarded to the Bark Lake Association (BLA), in collaboration with the Village of Richfield and Washington County, and administered by the WDNR. The inventory and</p>	Planning Commission		
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aquatic plant management plan
elements presented in this report
conform to the requirements and
standards set forth in the relevant
Wisconsin Administrative Codes.

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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