

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL-1306-10

Name: BONE LAKE MANAGEMENT DISTRICT: Bone Lake Comprehensive Plan Implementation Studies, Phase 1

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 10/1/2009

End Date: 12/31/2011

Purpose: Bone Lake Management District is sponsoring a two-phase project to better understand phosphorous loading and develop implementation plans for lake protection projects. The final deliverable will be a single report that includes methodologies, results, and updated modeling, water quality, and management objectives. This report will also include specific lake improvement or protection strategies for implementation.

The specific Phase 1 (LPL-1306-10) project tasks include: 1) Curlyleaf pondweed bed mapping, biomass calculations, and phosphorous sampling of plant tissues and surrounding water column; 2) Expanded tributary flow and nutrient monitoring in areas identified as contributing higher phosphorous loads; 3) Weekly temp/DO profiles; 4) Analyses of all data collected in 1 thru 3 and re-evaluation of watershed management objectives and water quality goals based on the results.

Special Conditions: 1) WDNR\2019s Aquatic Plant Management in Wisconsin guidance should be followed for point-intercept survey monitoring and aquatic plant management plan development; 2) Draft public surveys and shoreline inventory methods must be reviewed and approved by the Department before being initiated.

This scope summarizes the project detail provided in the application and does not negate tasks/deliverables described therein. Data, records, and reports, including GIS-based maps and digital images, must be submitted to the Department in a format specified by the regional Lake Coordinator.

Objective:**Comments:** Grantee is BONE LAKE MANAGEMENT DISTRICT**Outcome:****Study Design:****QA Measures:**

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Bone Lake Management District,	GRANT_RECIPIENT	ACTIVE	10/1/2009	12/31/2011	Bone Lake Management District	
Boyd, Bob	TEAM_MEMBER	COMPLETE	10/1/2009	12/31/2011	Bone Lake Management District	

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	<p>Bone Lake Management District is sponsoring a two-phase project to better understand phosphorous loading and develop implementation plans for lake protection projects. The final deliverable will be a single report that includes methodologies, results, and updated modeling, water quality, and management objectives. This report will also include specific lake improvement or protection strategies for implementation.</p> <p>The specific Phase 1 (LPL-1306-10) project tasks include: 1) Curlyleaf pondweed bed mapping, biomass calculations, and phosphorous sampling of plant tissues and surrounding water column; 2) Expanded tributary flow and nutrient monitoring in areas identified as contributing higher phosphorous loads; 3) Weekly temp/DO profiles; 4) Analyses of all data collected in 1 thru 3 and re-evaluation of watershed management objectives and water quality goals based on the results.</p>	10/1/2009	12/31/2011	COMPLETE
Map Invasive Species		10/1/2009	12/31/2011	PROPOSED
Shoreland Monitoring, Assessment, Inventory	Shoreland Monitoring, Assessment or Inventory	10/1/2009	12/31/2011	PROPOSED
Data analysis, report production		10/1/2009	12/31/2011	PROPOSED

Monitoring Stations

Station ID	Name	Comments
10004804	Bone Lake	
493126	Bone Lake - Deep Hole	
10022909	Prokor Creek Near Mouth To Bone Lake	
10022910	Unnamed Inlet To Bone L.	

Assessment Units

WBIC	Segment	Local Name	Official Name
2454400	1	Bone Lake T32nr16w S27	Bone Lake
2628100	1	Bone Lake T35n R16w S06	Bone Lake
2628200	1	Prokor Creek	Prokor Creek
5005251	1	Local Water	Unnamed

Lab Account Codes

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

Wisconsin Department of Natural Resources SWIMS Project Summary

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
4/11/2010 15:00	COMPLETE	BNL-NW-AP1	10022910	Unnamed Inlet To Bone L.
4/11/2010 15:00	COMPLETE	BNL-PC-AP1	10022909	Prokor Creek Near Mouth To Bone Lake
4/29/2010 9:00	COMPLETE	BNL-PC-AP2	10022909	Prokor Creek Near Mouth To Bone Lake
4/29/2010 9:30	COMPLETE	BNL-NW-AP2	10022910	Unnamed Inlet To Bone L.
5/8/2010 9:30	COMPLETE	BNL-PC-MA1	10022909	Prokor Creek Near Mouth To Bone Lake
5/8/2010 10:00	COMPLETE	BNL-NW-MA1	10022910	Unnamed Inlet To Bone L.
6/6/2010 13:00	COMPLETE	BNL-PC-JN1	10022909	Prokor Creek Near Mouth To Bone Lake
6/6/2010 14:00	COMPLETE	BNL-DH-JN1	493126	Bone Lake - Deep Hole
6/6/2010 14:00	COMPLETE	BNL-NW-JN1	10022910	Unnamed Inlet To Bone L.
6/14/2010 11:00	COMPLETE	BNL-NW-JN2	10022910	Unnamed Inlet To Bone L.
6/14/2010 11:00	COMPLETE	BNL-PC-JN2	10022909	Prokor Creek Near Mouth To Bone Lake
6/16/2010 8:30	COMPLETE	BLCTLMID5	10004804	Bone Lake
6/23/2010 8:00	COMPLETE	BNL-NW-JN3	10022910	Unnamed Inlet To Bone L.
6/23/2010 8:00	COMPLETE	BNL-PC-JN3	10022909	Prokor Creek Near Mouth To Bone Lake
7/1/2010 8:30	COMPLETE	BLBEDBOT13	10004804	Bone Lake
7/1/2010 8:30	COMPLETE	BLBEDMID13	10004804	Bone Lake
7/1/2010 8:30	COMPLETE	BLBEDTOP13	10004804	Bone Lake
7/1/2010 8:30	COMPLETE	BLCTLBOT13	10004804	Bone Lake
7/1/2010 8:30	COMPLETE	BLCTLMID13	10004804	Bone Lake
7/1/2010 8:30	COMPLETE	BLCTLTOP13	10004804	Bone Lake
7/1/2010 8:30	COMPLETE	BLCYLCLP13	10004804	Bone Lake
7/1/2010 8:30	COMPLETE	BLCYLCTL13	10004804	Bone Lake
7/3/2010 8:30	COMPLETE	BLBEDBOT14	10004804	Bone Lake
7/3/2010 8:30	COMPLETE	BLBEDMID14	10004804	Bone Lake
7/3/2010 8:30	COMPLETE	BLBEDTOP14	10004804	Bone Lake
7/3/2010 8:30	COMPLETE	BLCTLBOT14	10004804	Bone Lake

Wisconsin Department of Natural Resources SWIMS Project Summary

7/3/2010 8:30	COMPLETE	BLCTLMID14	10004804	Bone Lake
7/3/2010 8:30	COMPLETE	BLCTLTOP14	10004804	Bone Lake
7/5/2010 9:00	COMPLETE	BLBEDBOT15	10004804	Bone Lake
7/5/2010 9:00	COMPLETE	BLBEDMID15	10004804	Bone Lake
7/5/2010 9:00	COMPLETE	BLBEDTOP15	10004804	Bone Lake
7/5/2010 9:00	COMPLETE	BLCTLBOT15	10004804	Bone Lake
7/5/2010 9:00	COMPLETE	BLCTLMID15	10004804	Bone Lake
7/5/2010 9:00	COMPLETE	BLCTLTOP15	10004804	Bone Lake
7/6/2010 8:00	COMPLETE	BNL-DH-JL1	493126	Bone Lake - Deep Hole
7/6/2010 8:00	COMPLETE	BNL-NW-JL1	10022910	Unnamed Inlet To Bone L.
7/6/2010 8:00	COMPLETE	BNL-PC-JL1	10022909	Prokor Creek Near Mouth To Bone Lake
7/14/2010 16:00	COMPLETE	BNL-DH-JL2	493126	Bone Lake - Deep Hole
7/14/2010 16:00	COMPLETE	BNL-NW-JL2	10022910	Unnamed Inlet To Bone L.
7/14/2010 16:00	COMPLETE	BNL-PC-JL2	10022909	Prokor Creek Near Mouth To Bone Lake
7/27/2010 11:00	COMPLETE	BNL-DH-JL3	493126	Bone Lake - Deep Hole
8/10/2010 9:00	COMPLETE	BNL-NW-AG1	10022910	Unnamed Inlet To Bone L.
8/10/2010 9:00	COMPLETE	BNL-PC-AG1	10022909	Prokor Creek Near Mouth To Bone Lake
8/11/2010 9:00	COMPLETE	BNL-NW-AG2	10022910	Unnamed Inlet To Bone L.
8/11/2010 9:00	COMPLETE	BNL-PC-AG2	10022909	Prokor Creek Near Mouth To Bone Lake

Documents

Title	Description	Author	Published	Comments
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Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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