

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL-1395-11
Name: BLACK OAK LAKE PRES FDN: Black Oak Lake Long Term Water Quality & Stage Monitoring, Phase 5
Type: Lakes Grant
Subtype: Large Scale Lake Planning
Status: COMPLETE
Start Date: 10/01/2010
End Date: 12/31/2012
Purpose: Black Oak Lake Riparian Owners Association is sponsoring phased lake planning project to study Black Oak Lake, in Vilas County. The project will focus on aquatic invasive species prevention (AIS) activities, studying shorelands and water quality in Black Oak Lake and then update the Black Oak Lake Adaptive Management Plan (LMP). This would allow Black Oak Lake to become eligible for lake protection grant money in the shoreland restoration category.

Phase 5 project activities include: 1) Conduct water quality sampling (CLMN \2013 secchi, P and chla, grant \2013 N, ammonia, Ca, alk, ss, pH, and cond); 2) Install lake stage monitoring station and begin measurements; 3) Develop water quality and lake stage monitoring plan; 4) Hire CB/CW monitor and continue CB/CW program; 5) Conduct educational and outreach: water quality and stage monitoring training, press release and newsletter; 6) Update LMP.

Project deliverables include: 1) Water quality and lake stage data; 2) Water quality and lake stage monitoring plan; 3) Entered watercraft inspection data onto SWIMS; 4) Updated LMP.

Specific conditions for this project: 1) Draft water quality and lake stage monitoring plan needs Dept review and approval; 2) LMP needs Dept review and approval.

WDNR Lakes Management Coordinator will be provided with an electronic (pdf or word) and hard copy of LMP, water quality and lake stage monitoring plans, all data and results, and all GIS data.

Objective:

Comments: Grantee is BLACK OAK LAKE PRES FDN

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Black Oak Lake Preservation	GRANT_RECIP	ACTIVE	10/01/2010	12/31/2012	Black Oak Lake Preservation Fund	
Stine, Angie	TEAM_MEMBER	COMPLETE	10/01/2010	12/31/2012	Whitewater Associates	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
Lake Management Plan Development		10/01/2010	06/30/2012	PROPOSED
Monitor Water Quality or Sediment		10/01/2010	06/30/2012	PROPOSED
Habitat Restoration - Shoreland	Shoreland Restoration	10/01/2010	12/31/2012	PROPOSED

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Action	Detailed Description	Start	End Date	Status
Grant Awarded	<p>Black Oak Lake Riparian Owners Association is sponsoring phased lake planning project to study Black Oak Lake, in Vilas County. The project will focus on aquatic invasive species prevention (AIS) activities, studying shorelands and water quality in Black Oak Lake and then update the Black Oak Lake Adaptive Management Plan (LMP). This would allow Black Oak Lake to become eligible for lake protection grant money in the shoreland restoration category.</p> <p>Phase 5 project activities include: 1) Conduct water quality sampling (CLMN \2013 secchi, P and chla, grant \2013 N, ammonia, Ca, alk, ss, pH, and cond); 2) Install lake stage monitoring station and begin measurements; 3) Develop water quality and lake stage monitoring plan; 4) Hire CB/CW monitor and continue CB/CW program; 5) Conduct educational and outreach: water quality and stage monitoring training, press release and newsletter; 6) Update LMP.</p>	10/01/2010	06/30/2012	COMPLETE
Information and Education		10/01/2010	06/30/2012	PROPOSED
Hire Local Aquatic Invasives Coordinator		10/01/2010	06/30/2012	PROPOSED

Monitoring Stations

Station ID	Name	Comments
443121	Bearskin Lake - Deep Hole	
193950	North Lake - Deep Hole	
443253	Sevenmile Lake - Deep Hole	

Assessment Units

WBIC	Segment	Local Name	Official Name
703000	1	North Lake	North Lake
1523600	1	Bearskin Lake	Bearskin Lake
1605800	1	Sevenmile Lake	Sevenmile Lake
1630100	1	Black Oak Lake	Black Oak Lake

Lab Account Codes

Account Code	Description	Start Date	End Date
LM016	Lake Planning Lab Services	01/01/1960	12/31/2099
LM017	LAKE MANAGEMENT PLANNING GRANT	01/01/1960	12/31/2099
LM018	LAKE MANAGEMENT PLANNING GRANT	01/01/1960	12/31/2099
LM018	LAKE MANAGEMENT PLANNING GRANT	01/01/1960	12/31/2099

Forms

Form Code	Form Name
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Methods

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Method Code **Description**

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
04/05/2012 11:00	COMPLETE		193950	North Lake - Deep Hole
04/05/2012 11:00	COMPLETE		443253	Sevenmile Lake - Deep Hole
04/05/2012 12:00	COMPLETE		443121	Bearskin Lake - Deep Hole

Documents

Title	Description	Author	Published	Comments
Black Oak Lake Watershed Protection Program (Phase 5): Planning & Implementation fo Long-term Water Quality & Stage Monitoring		Dean Premo and Barbara Gajewski	04/30/2013	

Budget

Combined Budgets:

Combined SLOH:

Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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