

Wisconsin Department of Natural Resources  
SWIMS Project Summary

General Project Information

**Project ID:** LPL-1086-06

**Name:** BLACK OAK LAKE RIPARIAN OWNERS ASSOC: Black Oak Lake Protection Program, Phase II

**Type:** Lakes Grant

**Subtype:** Large Scale Lake Planning

**Status:** COMPLETE

**Start Date:** 10/1/2005

**End Date:** 6/30/2007

**Purpose:** Black Oak Lake Riparian Owners Association Inc., will conduct a lake evaluation and update the Phase I Black Oak Lake Adaptive Management Plan with the development of the Phase II Black Oak Lake Management Plan.

The project includes: 1) review recent aquatic macrophyte surveys 2) aquatic plant survey using point intercept method and development of aquatic plant management (APM) plan following DNR guidelines 3) conduct a near-shore riparian plan survey 4) detailed analysis of current lake monitoring activities 5) elucidate potential reasons for increase in water clarity in 2005 6) participate in management of Black Oak Lake lake trout population 7) gather and interpret additional historical data on Black Oak Lake 8) integrate Phase II findings into the Phase I Black Oak Lake adaptive management plan.

Project deliverables include:

- Detailed analysis of water quality sampling results and Black Oak's TSI
- Aquatic plant survey final report with a section on near-shore riparian plants culminating in an APM plan
- Two plant voucher specimens for each plant found in aquatic plant survey - one for WI DNR and one for Black Oak Lake Association
- Augment Phase I GIS project with new layers from Phase II
- Black Oak Lake Adaptive Management Plan Phase II

Specific conditions for this project:

- Project design plans and subsequent Black Oak Lake Management Plan need review and approval from Lakes Coordinator before project begins and adoption of final plan/management recommendations.
- Applicant is required to provide a mid-term project update to Lakes Coordinator.

Wisconsin Department of Natural Resources Lakes Coordinator will be provided with electronic (pdf) and (2) hard copies of the Black Oak Lake Adaptive Management Plan Phase II and APM plan, a copy of the GIS project on CD-ROM, and all raw data in electronic format.

**Objective:**

**Comments:** Grantee is BLACK OAK LAKE RIPARIAN OWNERS ASSOC

**Outcome:**

**Study Design:**

**QA Measures:**

| People                         |                 |        |            |           |                                |          |
|--------------------------------|-----------------|--------|------------|-----------|--------------------------------|----------|
| Name                           | Role            | Status | Start Date | End Date  | Organization                   | Comments |
| Black Oak Lake Riparian Owners | GRANT_RECIPIENT | ACTIVE | 10/1/2005  | 6/30/2007 | Black Oak Lake Riparian Owners |          |

Project Statuses

| Date | Reported By | Status | Comments |
|------|-------------|--------|----------|
|------|-------------|--------|----------|

Actions

Wisconsin Department of Natural Resources  
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| Action                           | Detailed Description   | Start Date | End Date  | Status   |
|----------------------------------|--|------------|-----------|----------|
| Grant Awarded                    | <p>Black Oak Lake Riparian Owners Association Inc., will conduct a lake evaluation and update the Phase I Black Oak Lake Adaptive Management Plan with the development of the Phase II Black Oak Lake Management Plan.</p> <p>The project includes: 1) review recent aquatic macrophyte surveys 2) aquatic plant survey using point intercept method and development of aquatic plant management (APM) plan following DNR guidelines 3) conduct a near-shore riparian plan survey 4) detailed analysis of current lake monitoring activities 5) elucidate potential reasons for increase in water clarity in 2005 6) participate in management of Black Oak Lake lake trout population 7) gather and interpret additional historical data on Black Oak Lake 8) integrate Phase II findings into the Phase I Black Oak Lake adaptive management plan.</p> | 10/1/2005  | 6/30/2007 | COMPLETE |
| Lake Management Plan Development | 10176033   | 10/1/2005  |           | PROPOSED |
| Grant Awarded                    | <p>Black Oak Lake Riparian Owners Association Inc., will conduct a lake evaluation and update the Phase I Black Oak Lake Adaptive Management Plan with the development of the Phase II Black Oak Lake Management Plan.</p> <p>The project includes: 1) review recent aquatic macrophyte surveys 2) aquatic plant survey using point intercept method and development of aquatic plant management (APM) plan following DNR guidelines 3) conduct a near-shore riparian plan survey 4) detailed analysis of current lake monitoring activities 5) elucidate potential reasons for increase in water clarity in 2005 6) participate in management of Black Oak Lake lake trout population 7) gather and interpret additional historical data on Black Oak Lake 8) integrate Phase II findings into the Phase I Black Oak Lake adaptive management plan.</p> | 10/1/2005  |           | COMPLETE |

Monitoring Stations

| Station ID | Name | Comments |
|------------|------|----------|
|------------|------|----------|

Assessment Units

| WBIC    | Segment | Local Name     | Official Name  |
|---------|---------|----------------|----------------|
| 1630100 | 1       | Black Oak Lake | Black Oak Lake |

Lab Account Codes

| Account Code | Description | Start Date | End Date |
|--------------|-------------|------------|----------|
|--------------|-------------|------------|----------|

Forms

| Form Code | Form Name |
|-----------|-----------|
|-----------|-----------|

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Methods

| Method Code | Method Description |
|-------------|--------------------|
|-------------|--------------------|

Fieldwork Events

| Start Date | Status | Field ID | Station ID | Station Name |
|------------|--------|----------|------------|--------------|
|------------|--------|----------|------------|--------------|

Documents

| Title  | Description | Author                                 | Published | Comments |
|--|-------------|--|-----------|----------|
| Black Oak Lake Watershed Protection Program: Adaptive Lake Management Plan |             | Dean Premo, Whitewater Associates, Inc | 1/31/2007 |          |

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

| Organization | Source | Type | Amount | Start Date | End Date |
|--------------|--------|------|--------|------------|----------|
|--------------|--------|------|--------|------------|----------|