

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL-1051-06

**Name:** COBB-HIGHLAND RECREATION COMMISSION: Blackhawk Lake Study-Phase 2

**Type:** Lakes Grant

**Subtype:** Large Scale Lake Planning

**Status:** COMPLETE

**Start Date:** 11/8/2005

**End Date:** 12/31/2007

**Purpose:** A watershed assessment will be conducted on Blackhawk Lake. Land use will be mapped, surface runoff patterns identified, and environmentally sensitive areas in the lake watershed delineated. Watershed loadings will be modeled and loading reduction strategies developed. Hydrologic and nutrient budgets will be calculated. Combined with the results of the Phase 1 in-lake and outlet assessment, lake management needs will be identified, goals will be set for the lake and downstream areas, and a comprehensive lake and watershed management plan will be developed, including recommendations regarding operation of the outlet structure, loading reductions, and support of recreational use activities and fisheries and aquatic life in the lake and downstream.

**Objective:**

**Comments:** Grantee is COBB-HIGHLAND RECREATION COMMISSION

**Outcome:**

**Study Design:**

**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Cobb-Highland Recreation Commi	GRANT_RECIPIENT	ACTIVE	11/8/2005	12/31/2007	Cobb-Highland Recreation Commission	
Marshall, David W	TEAM_MEMBER	COMPLETE	11/8/2005	12/31/2007	Underwater Habitat Investigations, LLC	
Sefton, Donna F	DATA_ENTRY	ACTIVE	11/8/2005	12/31/2007		

### 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	A watershed assessment will be conducted on Blackhawk Lake. Land use will be mapped, surface runoff patterns identified, and environmentally sensitive areas in the lake watershed delineated. Watershed loadings will be modeled and loading reduction strategies developed. Hydrologic and nutrient budgets will be calculated. Combined with the results of the Phase 1 in-lake and outlet assessment, lake management needs will be identified, goals will be set for the lake and downstream areas, and a comprehensive lake and watershed management plan will be developed, including recommendations regarding operation of the outlet structure, loading reductions, and support of recreational use activities and fisheries and aquatic life in the lake and downstream.	11/8/2005		COMPLETE
Watershed Mapping or Assessment	10101075	11/8/2005		PROPOSED
Water Quality Modeling	10101075	11/8/2005		PROPOSED
Watershed Mapping or Assessment	10101075	11/8/2005		PROPOSED
Grant Awarded	A watershed assessment will be conducted on Blackhawk Lake. Land use will be mapped, surface runoff patterns identified, and environmentally sensitive areas in the lake watershed delineated. Watershed loadings will be modeled and loading reduction strategies developed. Hydrologic and nutrient budgets will be calculated. Combined with the results of the Phase 1 in-lake and outlet assessment, lake management needs will be identified, goals will be set for the lake and downstream areas, and a comprehensive lake and watershed management plan will be developed, including recommendations regarding operation of the outlet structure, loading reductions, and support of recreational use activities and fisheries and aquatic life in the lake and downstream.	11/8/2005	12/31/2007	COMPLETE

### Monitoring Stations

Station ID	Name	Comments
253124	Black Hawk Lake - Deep Hole	
10017136	Blackhawk Lake - Left Dam Deepest Hole	
253120	Cave Hollow Creek	
10012293	Griffin Creek - Entrance To Blackhawk Lake - Where Park Road Goes Across The Creek	
10012291	Narveson Creek - Entrance To Blackhawk Lake	
253170	Otter Creek at Plank Rd. - Below Dam	
10012290	Otter Creek - Entrance To Blackhawk Lake	
253169	Otter Creek Union Valley Rd. (Near Mt Hope Rd.)	

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10012292	Unnamed Creek - Entrance To Blackhawk Lake - Just Off Sunny Slope Road	
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### Assessment Units

WBIC	Segment	Local Name	Official Name
1237100	1	Otter Creek	Otter Creek
1237100	3	Otter Creek	Otter Creek
1239100	2	Narveson Creek	Narveson Creek
1239400	1	Blackhawk Lake	Blackhawk Lake
1239500	1	Local Water	Unnamed
1239700	1	Cave Hollow Creek	Cave Hollow Creek

### Lab Account Codes

Account Code	Description	Start Date	End Date
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### Forms

Form Code	Form Name
SECCHI_TEMPDO	Lake Monitoring - Secchi, Temperature and D.O.

### Methods

Method Code	Method Description
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### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
4/17/2006 17:30	COMPLETE		253120	Cave Hollow Creek
5/1/2006 17:00	COMPLETE		10012293	Griffin Creek - Entrance To Blackhawk Lake - Where Park Road Goes Across The Creek
5/1/2006 18:00	COMPLETE		10012291	Narveson Creek - Entrance To Blackhawk Lake
5/1/2006 19:00	COMPLETE		10012292	Unnamed Creek - Entrance To Blackhawk Lake - Just Off Sunny Slope Road
5/1/2006 19:30	COMPLETE		10012290	Otter Creek - Entrance To Blackhawk Lake
5/17/2006 11:30	COMPLETE	BH1	253124	Black Hawk Lake - Deep Hole
5/17/2006 11:50	COMPLETE	BH3	253124	Black Hawk Lake - Deep Hole
5/30/2006 14:00	COMPLETE	OR	10012290	Otter Creek - Entrance To Blackhawk Lake
6/1/2006 14:00	COMPLETE	O1	10012290	Otter Creek - Entrance To Blackhawk Lake
6/6/2006	COMPLETE	1	10012292	Unnamed Creek - Entrance To Blackhawk Lake - Just Off Sunny Slope Road
6/6/2006	COMPLETE	2	10012291	Narveson Creek - Entrance To Blackhawk Lake
6/6/2006	COMPLETE	3	10012293	Griffin Creek - Entrance To Blackhawk Lake - Where Park Road Goes Across The Creek
6/6/2006	COMPLETE	4	10012290	Otter Creek - Entrance To Blackhawk Lake
6/15/2006 9:00	COMPLETE	O1	10012290	Otter Creek - Entrance To Blackhawk Lake

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6/15/2006 9:10	COMPLETE	O2	253170	Otter Creek at Plank Rd. - Below Dam
6/15/2006 9:25	COMPLETE	G	10012293	Griffin Creek - Entrance To Blackhawk Lake - Where Park Road Goes Across The Creek
6/15/2006 11:30	COMPLETE	BH1	253124	Black Hawk Lake - Deep Hole
6/15/2006 11:35	COMPLETE	BH2	253124	Black Hawk Lake - Deep Hole
6/15/2006 11:40	COMPLETE	BH3	253124	Black Hawk Lake - Deep Hole
6/26/2006 12:00	COMPLETE	SR	10012292	Unnamed Creek - Entrance To Blackhawk Lake - Just Off Sunny Slope Road
6/28/2006 10:00	COMPLETE	BH1	253124	Black Hawk Lake - Deep Hole
6/28/2006 10:00	COMPLETE	BH2	253124	Black Hawk Lake - Deep Hole
6/28/2006 10:00	COMPLETE	BH3	253124	Black Hawk Lake - Deep Hole
6/28/2006 10:40	COMPLETE	G	10012293	Griffin Creek - Entrance To Blackhawk Lake - Where Park Road Goes Across The Creek
6/28/2006 11:40	COMPLETE	N	10012291	Narveson Creek - Entrance To Blackhawk Lake
6/28/2006 12:40	COMPLETE	O1	10012290	Otter Creek - Entrance To Blackhawk Lake
6/28/2006 13:00	COMPLETE	O2	253170	Otter Creek at Plank Rd. - Below Dam
7/11/2006 10:20	COMPLETE	O1	253169	Otter Creek Union Valley Rd. (Near Mt Hope Rd.)
7/11/2006 11:08	COMPLETE	BH1	253124	Black Hawk Lake - Deep Hole
7/11/2006 11:10	COMPLETE	BH2	253124	Black Hawk Lake - Deep Hole
7/11/2006 11:15	COMPLETE	BH3	253124	Black Hawk Lake - Deep Hole
7/11/2006 13:50	COMPLETE	O2	253170	Otter Creek at Plank Rd. - Below Dam
7/25/2006 8:35	COMPLETE	O2	253170	Otter Creek at Plank Rd. - Below Dam
7/25/2006 8:50	COMPLETE	O1	10012290	Otter Creek - Entrance To Blackhawk Lake
7/25/2006 9:10	COMPLETE	G	10012293	Griffin Creek - Entrance To Blackhawk Lake - Where Park Road Goes Across The Creek
7/25/2006 10:50	COMPLETE	BH3	253124	Black Hawk Lake - Deep Hole
7/25/2006 10:55	COMPLETE	BH2	253124	Black Hawk Lake - Deep Hole
7/25/2006 11:00	COMPLETE	BH1	253124	Black Hawk Lake - Deep Hole
7/25/2006 11:50	COMPLETE	N	10012291	Narveson Creek - Entrance To Blackhawk Lake
8/8/2006 14:00	COMPLETE	O1	10012290	Otter Creek - Entrance To Blackhawk Lake
8/22/2006 11:30	COMPLETE	O1	10012290	Otter Creek - Entrance To Blackhawk Lake
8/22/2006 11:50	COMPLETE	O2	253170	Otter Creek at Plank Rd. - Below Dam

### Documents

Title	Description	Author	Published	Comments
Blackhaw Lake Managemement Plan	Lake Management Plan	Agroecol	1/30/2008	This is a final report for both LPL-1048-06 and LPL-1051-06.
Reports and Graphs for Blackhawk Lake - Left Dam Deepest Hole	14980737			

## Wisconsin Department of Natural Resources SWIMS Project Summary

### Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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