

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL-853-03
Name: ARCHIBALD LAKE ASSOCIATION: Archibald Lake Hydrology Evaluation
Type: Lakes Grant
Subtype: Large Scale Lake Planning
Status: COMPLETE
Start Date: 01/13/2003
End Date: 06/30/2004
Purpose: This project is a continuation of the Archibald Lake Phase 1 Lake Study. This study will gather more in depth information regarding the hydrological sources for water coming into the lake to gain more information on the hydrological source of water supplying Archibald Lake. The proposed study will aid in resolving questions of lake hydrology and nutrient fluxes to the lake. This information will be used to eventually develop a comprehensive lake management plan. The Archibald Lake Assn proposes to conduct a project that will include additional water chemistry studies for the east and west basins and the inlet creek. Instream flow will be measured of the small inlet stream where it enters the lake. Groundwater level monitoring will be measured by installing sand points in eight new locations around the lake to determine where groundwater is entering the lake. Water quality parameters such as conductivity will be measured along the shoreline to determine where spring areas may be contributing groundwater to the lake.

Deliverables will include a report presenting the study findings. The report will recommend possible courses of action for development of a lake management plan. The findings will be presented to the Archibald Lake Association and incorporated in the association newsletter

Objective:
Comments: Grantee is ARCHIBALD LAKE ASSOCIATION
Outcome:
Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Archibald Lake Association,	GRANT_RECIP	ACTIVE	01/13/2003	06/30/2004	Archibald Lake Association	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
Comprehensive Planning Studies	This study will gather information regarding the hydrological sources for water coming into the lake to gain more information on the hydrological source of water supplying Archibald Lake. Groundwater level monitoring will be measured by installing sand points in eight new locations around the lake to determine where groundwater is entering the lake. Water quality parameters such as conductivity will be measured along the shoreline to determine where spring areas may be contributing groundwater to the lake.	01/13/2003	06/30/2004	COMPLETE

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Action	Detailed Description	Start	End Date	Status
Grant Awarded	<p>This project is a continuation of the Archibald Lake Phase 1 Lake Study. This study will gather more in depth information regarding the hydrological sources for water coming into the lake to gain more information on the hydrological source of water supplying Archibald Lake. The proposed study will aid in resolving questions of lake hydrology and nutrient fluxes to the lake. This information will be used to eventually develop a comprehensive lake management plan. The Archibald Lake Assn proposes to conduct a project that will include additional water chemistry studies for the east and west basins and the inlet creek. Instream flow will be measured of the small inlet stream where it enters the lake. Groundwater level monitoring will be measured by installing sand points in eight new locations around the lake to determine where groundwater is entering the lake. Water quality parameters such as conductivity will be measured along the shoreline to determine where spring areas may be contributing groundwater to the lake.</p>	01/13/2003		COMPLETE
Monitor Water Quality or Sediment	<p>Deliverables will include a report presenting the study findings. The report will recommend possible courses of action for development of a lake management plan. This project is a continuation of the Archibald Lake Phase 1 Lake Study. This study will gather more in depth information regarding the hydrological sources for water coming into the lake to gain more information on the hydrological source of water supplying Archibald Lake. The proposed study will aid in resolving questions of lake hydrology and nutrient fluxes to the lake. This information will be used to eventually develop a comprehensive lake management plan. The Archibald Lake Assn proposes to conduct a project that will include additional water chemistry studies for the east and west basins and the inlet creek. Instream flow will be measured of the small inlet stream where it enters the lake. Groundwater level monitoring will be measured by installing sand points in eight new locations around the lake to determine where groundwater is entering the lake. Water quality parameters such as conductivity will be measured along the shoreline to determine where spring areas may be contributing groundwater to the lake.</p>	01/13/2003	06/30/2004	PROPOSED

Monitoring Stations

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Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
417400	1	Archibald Lake	Archibald 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	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
Phase II Lake Study Report, Archibald Lake, Oconto County	Lakes Planning Report	Foth & Van Dyke and Associates Inc.	05/31/2004	

Budget

Combined Budgets:

Combined SLOH:

Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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