

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: SPL-050-03

Name: LOON LAKE MANAGEMENT DISTRICT: Loon Lake APM & Water Quality Survey

Type: Lakes Grant

Subtype: Small Scale Lake Planning

Status: COMPLETE

Start Date: 4/1/2003

End Date: 12/31/2003

Purpose: The Loon Lake-Wescott Management District proposes to conduct a follow-up aquatic plant survey and continue water quality monitoring. The goals of the project include 1) evaluating the effectiveness of treatments in controlling Eurasian Watermilfoil, 2) to assess responses of the native plant community, 3) to assess responses of curly-leaf pondweed (*Potamogeton crispus*), 4) to evaluate water quality impacts. The strategies for achieving these goals will include 1) conducting an aquatic plant survey that reproduces methods of the 2002 survey, 2) statistical analysis of plant survey data, 3) identification, mapping and area determination for Eurasian Watermilfoil and curly-leaf pondweed, 4) analysis of water quality parameters. The results of this survey will be presented in a follow-up management report. This management report will be presented to the Loon Lake Wescott Management District and to the Department of Natural Resources, both in written form and in electronic form.

Objective:

Comments: Grantee is LOON LAKE MANAGEMENT DISTRICT

Outcome:

Study Design:

QA Measures:

People

| Name | Role | Status | Start Date | End Date | Organization | Comments |
|--------------------------------|-----------------|--------|------------|------------|---------------------------------------|----------|
| Loon Lake Wescott Management D | GRANT_RECIPIENT | ACTIVE | 4/1/2003 | 12/31/2003 | Loon Lake Wescott Management District | |

Project Statuses

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

Actions

| Action | Detailed Description | Start Date | End Date | Status |
|-----------------------------------|----------------------|------------|----------|----------|
| Monitor Water Quality or Sediment | 10099841 | 4/1/2003 | | PROPOSED |

Wisconsin Department of Natural Resources SWIMS Project Summary

| | | | | |
|-------------------------------|--|----------|------------|----------|
| Grant Awarded | The Loon Lake-Wescott Management District proposes to conduct a follow-up aquatic plant survey and continue water quality monitoring. The goals of the project include 1) evaluating the effectiveness of treatments in controlling Eurasian Watermilfoil, 2) to assess responses of the native plant community, 3) to assess responses of curly-leaf pondweed (<i>Potamogeton crispus</i>), 4) to evaluate water quality impacts. The strategies for achieving these goals will include 1) conducting an aquatic plant survey that reproduces methods of the 2002 survey, 2) statistical analysis of plant survey data, 3) identification, mapping and area determination for Eurasian Watermilfoil and curly-leaf pondweed, 4) analysis of water quality parameters. The results of this survey will be presented in a follow-up management report. This management report will be presented to the Loon Lake Wescott Management District and to the Department of Natural Resources, both in written form and in electronic form. | 4/1/2003 | | COMPLETE |
| Map Invasive Species | | 4/1/2003 | 12/31/2003 | PROPOSED |
| Aquatic Plant Management Plan | | 4/1/2003 | 12/31/2003 | PROPOSED |

Monitoring Stations

| Station ID | Name | Comments |
|------------|-----------------------|----------|
| 593002 | Loon Lake - Deep Hole | |

Assessment Units

| WBIC | Segment | Local Name | Official Name |
|--------|---------|------------|---------------|
| 323600 | 1 | Loon Creek | Loon Creek |
| 323800 | 1 | Loon Lake | Loon Lake |

Lab Account Codes

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

Forms

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

Methods

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

Fieldwork Events

| Start Date | Status | Field ID | Station ID | Station Name |
|------------|----------|-----------|------------|-----------------------|
| 6/4/2003 | COMPLETE | LON060403 | 593002 | Loon Lake - Deep Hole |

Documents

Wisconsin Department of Natural Resources SWIMS Project Summary

| Title | Description | Author | Published | Comments |
|-------|-------------|--------|-----------|----------|
|-------|-------------|--------|-----------|----------|

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

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