

Wisconsin Department of Natural Resources  
SWIMS Project Summary

General Project Information

Project ID:

LPL-1223-08

Name:

LONG LAKE ASSOCIATION: Long Lake Comprehensive Lake Survey

Type:

Lakes Grant

Subtype:

Large Scale Lake Planning

Status:

COMPLETE

Start Date:

4/1/2008

End Date:

6/30/2010

Purpose:

The Long Lake Association proposes to conduct a comprehensive lake study on their lake. The project will conduct appraisals and develop the following products:

1. Invasive plant species mapping, 2. Point Intercept survey of aquatic plants, 3. Water quality sampling in each lake basin, TSI development, profiling, 4. Historical water quality summary and interpretation, 5. Watershed appraisal of land uses including WILMS Lake Modeling, 6. Watershed appraisal including visual identification of potential nutrient and sediment sources with recommended strategies, 7. Shore area identification high erosion, instability, and general riparian health, 8. Septic system survey system age, maintenance history, days of use and # of residents. Watershed and septic assessments will be integrated with Waushara County, 9. The above elements will be incorporated into a final report with recommendations following citizen participation process.

AMENDMENT: #8 SEPTIC SYSTEM SURVEY IS DELETED.

Objective:

Comments:

Grantee is LONG LAKE ASSOCIATION

Outcome:

Study Design:

QA Measures:

| People                         |                 |        |            |           |                                      |          |
|--------------------------------|-----------------|--------|------------|-----------|--------------------------------------|----------|
| Name                           | Role            | Status | Start Date | End Date  | Organization                         | Comments |
| Long Lake Association (Waushar | GRANT_RECIPIENT | ACTIVE | 4/1/2008   | 6/30/2010 | Long Lake Association (Waushara Co.) |          |
| Roost, Brad                    | TEAM_MEMBER     | ACTIVE | 4/1/2008   | 6/30/2010 | Cason & Associates, LLC              |          |

Project Statuses

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

Actions

| Action                         | Detailed Description | Start Date | End Date | Status   |
|--------------------------------|----------------------|------------|----------|----------|
| Map Invasive Species           | 22864391             | 4/1/2008   |          | PROPOSED |
| Water Quality Modeling         | 22864391             | 4/1/2008   |          | PROPOSED |
| Comprehensive Planning Studies | 22864391             | 4/1/2008   |          | PROPOSED |

## Wisconsin Department of Natural Resources SWIMS Project Summary

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |          |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------|----------|
| Grant Awarded | <p>The Long Lake Association proposes to conduct a comprehensive lake study on their lake. The project will conduct appraisals and develop the following products:</p> <p>1. Invasive plant species mapping, 2. Point Intercept survey of aquatic plants, 3. Water quality sampling in each lake basin, TSI development, profiling, 4. Historical water quality summary and interpretation, 5. Watershed appraisal of land uses including WILMS Lake Modeling, 6. Watershed appraisal including visual identification of potential nutrient and sediment sources with recommended strategies, 7. Shore area identification high erosion, instability, and general riparian health, 8. Septic system survey system age, maintenance history, days of use and # of residents. Watershed and septic assessments will be integrated with Waushara County, 9. The above elements will be incorporated into a final report with recommendations following citizen participation process.</p> | 4/1/2008 | 6/30/2010 | COMPLETE |
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### Monitoring Stations

| Station ID | Name                   | Comments |
|------------|------------------------|----------|
| 703055     | Long Lake - East Basin |          |
| 703056     | Long Lake - West Basin |          |

### Assessment Units

| WBIC   | Segment | Local Name | Official Name |
|--------|---------|------------|---------------|
| 191100 | 1       | Long Lake  | Long Lake     |

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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           |
|-----------------|----------|-----------|------------|------------------------|
| 7/21/2008       | COMPLETE | LL072108A | 703055     | Long Lake - East Basin |
| 7/21/2008       | COMPLETE | LL072108B | 703056     | Long Lake - West Basin |
| 8/21/2008 10:00 | COMPLETE | LL082108A | 703055     | Long Lake - East Basin |
| 8/21/2008 10:30 | COMPLETE | LL082108B | 703056     | Long Lake - West Basin |

Documents

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

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

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