

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: ACEI-080-10
Name: POWERS LAKE PROTECTION AND REHAB. DISTRICT: Powers Lake AIS Management
Type: Aquatic Invasives Grant
Subtype: Aquatic Invasives Control
Status: COMPLETE
Start Date: 04/01/2010
End Date: 12/31/2013
Purpose: The Powers Lake Protection & Rehabilitation District will implement a three year aquatic chemical treatment plan. The goal of the plan is to greatly reduce the frequency of occurrence of Eurasian water milfoil, an established aquatic invasive plant and to eliminate the pioneer infestation of Curly Leaf Pondweed. Chemical treatment will take place in late April or early May of 2010, 2011 and 2012. Point intercept plant surveys (following the established WDNR Hauxwell protocols) will be conducted both pre and post chemical treatment. Chemical treatment areas will be determined each year based on the previous year's plant surveys. The project deliverable is a report that includes 1) all raw plant survey data; 2) maps of proposed and actual treatment areas each year; 3) density/distribution maps for EWM, CLP and the top five native plants found each year in the plant surveys; 4) statistical analysis of the plant survey data each year and a comparison between years, to include frequency of occurrence, actual density, relative density, etc as described in the Hauxwell protocol; 5) a written assessment of the success of the chemical treatment plan implementation; 6) a written assessment of the shifts in the plant community over the three years of the project and 7) recommendations for future management.

Objective:
Comments: Grantee is POWERS LAKE PROTECTION AND REHAB. DISTRICT
Outcome:
Study Design:
QA Measures:

People

| Name | Role | Status | Start Date | End Date | Organization | Comments |
|--------------------------|-------------|----------|------------|------------|-------------------------|----------|
| District of Powers Lake, | GRANT_RECIP | COMPLETE | 04/01/2010 | 05/07/2014 | District of Powers Lake | |

Project Statuses

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

Actions

| Action | Detailed Description | Start | End Date | Status |
|------------------------------------|----------------------|------------|------------|----------|
| Control Invasive Species | 34911543 | 04/01/2010 | | PROPOSED |
| Aquatic Plant Monitoring or Survey | 34911543 | 04/01/2010 | | PROPOSED |
| Grant Awarded | ACEI-080-10 | 04/01/2010 | 12/31/2013 | COMPLETE |
| Monitor Invasive Species | 34911543 | 04/01/2010 | | PROPOSED |
| Monitor Pre and Post Treatment | 34911543 | 04/01/2010 | | PROPOSED |

Monitoring Stations

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

Assessment Units

| WBIC | Segment | Local Name | Official Name |
|--------|---------|-------------|---------------|
| 744200 | 1 | Powers Lake | Powers Lake |

Lab Account Codes

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

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| Account Code | Description | Start Date | End Date |
|--------------|--------------------------------|------------|------------|
| AS008 | AQUATIC INVASIVE SPECIES (PLAN | 01/01/1960 | 12/31/2099 |
| AS009 | AQUATIC INVASIVE SPECIES (PLAN | 01/01/1960 | 12/31/2099 |
| AS010 | AQUATIC INVASIVE SPECIES (PLAN | 01/01/1960 | 12/31/2099 |

Forms

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

Methods

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

Fieldwork Events

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

Documents

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

Budget

Combined Budgets:

Combined SLOH:

Combined Total:

Funding

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