

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** AIRR-114-12  
**Name:** DELAVAN LAKE SD: Delavan Lake Water Pennywort Control  
**Type:** Aquatic Invasives Grant  
**Subtype:** Aquatic Invasives Early Detection and Response  
**Status:** COMPLETE  
**Start Date:** 9/28/2011  
**End Date:** 12/31/2012

**Purpose:** Water pennywort (*Hydrocotyle ranunculoides*), a non native aquatic plant species, was discovered in the Delavan Lake inlet in the fall of 2010. The plant was hand pulled a number of times and the population was not appearing to spread. The plant spread to multiple locations in the inlet, outlet and the channel between in September 2011, and is now considered invasive. The Delavan Lake Sanitary District (DLSD) will hire a contractor to treat the water pennywort with liquid 2,4 D and a surfactant in the fall of 2011 as well as multiple times in 2012. DLSD staff will continue to monitor the progress of the plant in Delavan Lake.

Project deliverables include 1) before and after photographs documenting the effects of the chemical treatment on the water pennywort; 2) text to explain the photographs and 3) a field log to be completed by DLSD staff documenting the monitoring (of the extent of the infestation) and evaluation of the effectiveness of treatment. Weather conditions the day of chemical treatment and each of the subsequent 14 days should be documented in the log.

**Objective:**

**Comments:** Grantee is DELAVAN LAKE SD

**Outcome:**

**Study Design:**

**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Delavan Lake Sanitary District	GRANT_RECIPIENT	COMPLETE	9/28/2011	12/31/2012	Delavan Lake Sanitary District	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start Date	End Date	Status
APM Chemical Permit Request		9/28/2011	12/31/2012	PROPOSED

Details: Parameter	Value/Amount	Units	Comments
24D Granular, # Acres			
24D Granular, # Pounds			
24D Liquid, # Acres			
24D Liquid, # Pounds			
Acres Treated - 1997 to 2003			
Amount of Chemicals used - 1997 to 2003			

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<b>Details: Parameter</b>	<b>Value/Amount</b>	<b>Units</b>	<b>Comments</b>
Aqua-Pro Acres			
Aqua-Pro Gallons			
Aquacide, # Pounds			
Aquaneat Acres			
Aquaneat Gallons			
Aquashade Acres			
Aquashade Pounds			
Aquastar Acres			
Aquastar Gallons			
Aquathol Acres			
Aquathol Gallons			
Aquathol K Acres			
Aquathol K Gallons			
Aquathol, # Pounds			
Avast Acres			
Avast Gallons			
Chemicals Used - 1997 to 2003			
Clearcast Acres			
Clearcast Gallons			
Clearigate Acres			
Clearigate Gallons			
Comments			
Contains Herbicide totals			
Copper Acres			
Copper Liquid, # Acres			
Copper Liquid, # Gallons			
Copper Pounds			
Citrine Acres			
Citrine Liquid Acres			
Citrine Liquid Gallons			
Citrine Plus Acres			
Citrine Plus Liquid Acres			
Citrine Plus Liquid Gallons			
Citrine Plus Pounds			
Citrine Pounds			
Citrine Ultra Acres			
Citrine Ultra Gallons			
DMA 4 IVM Acres			
DMA 4 IVM Gallons			
Did Treatments Occur			

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<b>Details: Parameter</b>	<b>Value/Amount</b>	<b>Units</b>	<b>Comments</b>
Diquat Acres			
Diquat Gallons			
Diquat Liquid Acres			
Diquat Pounds			
Endotholl Acres			
Endotholl Liquid Acres			
Endotholl Liquid Gallons			
Endotholl Pounds			
Fee			
Floridone Acres			
Floridone Gallons			
Glyphosate Acres			
Glyphosate Gallons			
Glyphosate Liquid Acres			
Glyphosate Pounds			
Green Clean Acres			
Green Clean Gallons			
H2O2 Acres			
H2O2 Pounds			
Habitat Acres			
Habitat Gallons			
Harvester Acres			
Harvester Gallons			
Herbicide Treatment and Water Use Restriction Signs Posted in Accordance with NR 107?			
Hydrothol Acres			
Hydrothol Gallons			
Imazapyr Acres			
Imazapyr Gallons			
Nautique Acres			
Nautique Gallons			
Navigate Acres			
Navigate, # Pounds			
Onsite Supervision Present?			
Permit #			
Phycomycin Acres			
Phycomycin Pounds			
Polaris Acres			
Polaris Gallons			
Refuge Acres			

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Details: Parameter	Value/Amount	Units	Comments
Refuge Gallons			
Reward Acres			
Reward Gallons			
Reward Liquid Acres			
Reward Pounds			
Rodeo Acres			
Rodeo Gallons			
SCI-62 Acres			
SCI-62 Gallons			
Sculpin G Acres			
Sculpin G Pounds			
SeClear Acres			
SeClear Gallons			
ShoreKlear Acres			
ShoreKlear Gallons			
Sonar AS Gallons			
Sonor AS Acres			
Touchdown Pro Acres			
Touchdown Pro Gallons			
Treatment Date			
Treatment Date Series			
Tribune Acres			
Tribune Gallons			
Vectobac Acres			
Vectobac Gallons			

Project Deliverable	1) before and after photographs documenting the effects of the chemical treatment on the water pennywort; 2) text to explain the photographs and 3) a field log to be completed by DLSD staff documenting the monitoring (of the extent of the infestation) and evaluation of the effectiveness of treatment. Weather conditions the day of chemical treatment and each of the subsequent 14 days should be documented in the log.	9/28/2011	12/31/2012	PROPOSED
Aquatic Plant Monitoring or Survey		9/28/2011	12/31/2012	PROPOSED
Grant Awarded		9/28/2011	12/31/2012	COMPLETE

### Monitoring Stations

Station ID	Name	Comments
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### Assessment Units

WBIC	Segment	Local Name	Official Name
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## Wisconsin Department of Natural Resources SWIMS Project Summary

### 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	Method 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
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### Budget

Combined Budgets:

Combined WSLH:

Combined Total:                    \$0.00

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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