

Wisconsin Department of Natural Resources  
SWIMS Project Summary

General Project Information

**Project ID:** AEPP-325-12

**Name:** SAND LAKE MANAGEMENT DISTRICT: Sand Lake 2012 - 2014 AIS Education Support Project

**Type:** Aquatic Invasives Grant

**Subtype:** Aquatic Invasives Education

**Status:** COMPLETE

**Start Date:** 10/1/2011

**End Date:** 6/30/2015

**Purpose:** The Sand Lake Management District is sponsoring a 3 yr AIS prevention & education project to implement their APM plan, continue boat inspection/education program; AIS control, shoreline Best Management Practice (BMP) educational outreach; and monitoring.

Deliverables include a comprehensive report with: 1) A summary of project accomplishments and progress including APM plan implementation, data collected, CB/CW program, and monitoring; 2) CB/CW report including time and number of people reached and survey results; daily results will be entered into SWIMS database; 3) Verification of workshops/training such as agendas and attendance lists; 4) Report on public outreach including copies of educational materials paid by this grant; 5) Report on public outreach/demo site for riparian BMP; 6) Report on AIS treatment, pre/post survey, and residual testing; 7) Report on marker buoys; 8) Report on monitoring observations of any detected invasive species with appropriate maps; 9) AIS related materials generated or paid for by this grant.

Special conditions for this project: The sponsor shall immediately contact the DNR if a new aquatic invasive species is found.

This scope summarizes details provided in the grant application and does not negate tasks/deliverables described therein. Data, records, and reports, including GIS-based maps and digital images, must be submitted to the Department in a format specified by the AIS Coordinator. It is recommended that Grantee provide AIS Coordinator with a draft final report. If a consultant is to provide a final report, it is recommended that the Grantee provide DNR AIS Coordinator with a draft for comment on report adequacy prior to making final payment to the consultant. The DNR shall receive a paper and electronic copy of the final report.

**Objective:**

**Comments:** Grantee is SAND LAKE MANAGEMENT DISTRICT

**Outcome:**

**Study Design:**

**QA Measures:**

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Sand Lake Management District,	GRANT_RECIPIENT	ACTIVE	10/1/2011		Sand Lake Management District	

Project Statuses			
Date	Reported By	Status	Comments

Actions				
Action	Detailed Description	Start Date	End Date	Status
Hold Workshops		10/1/2011	6/30/2015	PROPOSED
Monitor Invasive Species		10/1/2011	6/30/2015	PROPOSED

## Wisconsin Department of Natural Resources SWIMS Project Summary

Information and Education		10/1/2011	6/30/2015	PROPOSED
Shoreland Monitoring, Assessment, Inventory	Shoreland Monitoring, Assessment or Inventory	10/1/2011	6/30/2015	PROPOSED
Aquatic Plant Monitoring or Survey		10/1/2011	6/30/2015	PROPOSED
APM Chemical Permit Request		10/1/2011	6/30/2015	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			
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			
Cutrine Acres			
Cutrine Liquid Acres			

7/25/2024

**Wisconsin Department of Natural Resources  
SWIMS Project Summary**

Details: Parameter	Value/Amount	Units	Comments
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			
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			

Wisconsin Department of Natural Resources  
SWIMS Project Summary

Details: Parameter	Value/Amount	Units	Comments		
Nautique Acres					
Nautique Gallons					
Navigate Acres					
Navigate, # Pounds					
Onsite Supervision Present?					
Permit #					
Phycomycin Acres					
Phycomycin Pounds					
Polaris Acres					
Polaris Gallons					
Refuge Acres					
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					
Grant Awarded		10/1/2011	6/30/2015	COMPLETE	
Monitor Pre and Post Treatment		10/1/2011	6/30/2015	PROPOSED	
Informational Meetings		10/1/2011	6/30/2015	PROPOSED	
Watercraft Inspections Clean Boats, Clean Waters		10/1/2011	6/30/2015	PROPOSED	

Wisconsin Department of Natural Resources  
SWIMS Project Summary

Project Deliverable	Summary Report	10/1/2011	6/30/2015	PROPOSED
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Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
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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
Eurasian water milfoil (Myriophyllum spicatum) Pre/Post Herbicide and Fall Bed Mapping Surveys 2012	Initial expectations were to treat 16 areas totaling 21.10 acres with granular 2, 4-D (Navigate) at a concentration of 1.5 ppm (Table 1). The pretreatment survey revealed that, although EWM was patchy, it was found on point or interpoint in all areas. Because of this, it was decided to maintain all treatment areas as proposed. This initial treatment was conducted by Northern Aquatics Services on June 18th (Figure 3) (Appendix I). On June 28th, 189 spot treatments in the S areas added two additional acres to this total. Following the posttreatment survey, a July 30 spot treatment of 43 spots located throughout the lake covered 0.25 acres. This was followed by another 51 spots covering 0.50 acres on September 5th.	Endangered Resource Services, LLC	10/15/2012	

Wisconsin Department of Natural Resources  
SWIMS Project Summary

Eurasian water milfoil (Myriophyllum spicatum) Pre/Post Herbicide and Fall Bed Mapping Surveys 2013	Initial expectations were to treat 12 areas totaling 7.02 acres with liquid or granular 2, 4-D (Navigate) at a concentration of 1.5-3ppm (Figure 3) (Appendix I). The pretreatment survey revealed that, although EWM was patchy, it was found on point or inter-point in all areas. Because of this, it was decided to maintain all treatment areas as initially proposed (Table 1). This treatment was conducted by Northern Aquatics Services (Dale Dressel) on July 8th.	Endangered Resource Services, LLC	10/15/2013	
Eurasian water milfoil (Myriophyllum spicatum) Pre/Post Herbicide and Fall Bed Mapping Surveys 2014	Initial expectations were to treat 34 areas totaling 9.83 acres with liquid or granular 2, 4-D (Navigate/Sculpin G/DMA4) at concentrations of 3-4pp (Figure 3) (Appendix I). Unfortunately, the pretreatment survey found that EWM was more widespread than expected. Because of this, the treatment was revised to include 21 areas covering 15.27 acres (Table 1). This treatment was conducted by Dale Dressel - Northern Aquatics Services (NAS) on June 25th. Based on additional documents provided by NAS, three additional herbicide treatments covering 2.05 acres and 223 individual spots occurred on July 15, August 20th, and September 30th (Table 1).	Endangered Resource Services, LLC	11/15/2014	

Budget

Combined Budgets:  
Combined WSLH:  
Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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