

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** ACEI12518  
**Name:** WIND LAKE MANAGEMENT DISTRICT: Wind Lake Starry Stonewort Control Project  
**Type:** Aquatic Invasives Grant  
**Subtype:** Aquatic Invasives Control  
**Status:** ACTIVE  
**Start Date:** 04/15/2018  
**End Date:** 12/31/2020  
**Purpose:** The Wind Lake Management District is sponsoring a project to control starry stonewort in Wind Lake. Project activities include: 1) two whole lake treatments for starry stonewort in 2018 ; 2) collection of residual monitoring samples (partnership between the WLMD and WDNR); 3) a plant biomass study before the treatments and after the two treatments are completed; and 4) data analysis and report writing utilizing data collected during the field season.

Project deliverables include: a final report that includes 1) maps of treated areas, 2) plant distribution maps; 3) tables showing frequency of occurrence and relative densities of plants found in the WDNR point intercept plant surveys; 4) results of the residual monitoring; 5) results of the biomass study; 5) electronic copies of treatment records.

Specific project conditions: A draft copy of the final report will be provided to the WDNR for review before the report is finalized. WDNR will be provided electronic and hard copies of data and reports/plans generated as a result of this project.

If consultant is to provide final report, it is recommended that Grantee provide DNR Lake Coordinator with a draft for comment on report adequacy prior to making final payment to the consultant. DNR to receive both paper and electronic .pdf copies of the final report along with, or prior to submission of grantee's final payment request.

**Objective:**  
**Comments:** Grantee is WIND LAKE MANAGEMENT DISTRICT  
**Outcome:**  
**Study Design:**  
**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Wind Lake Management Dist	GRANT_RECIP	ACTIVE	04/15/2018	12/31/2020	Wind Lake Management District	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start	End Date	Status
Grant Awarded	Grant ACEI12518 awarded	04/15/2018	12/31/2020	COMPLETE

## Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start	End Date	Status
APM Chemical Permit Request	Chemical permit details	02/19/2019	02/19/2019	IN_PROGRESS
<b>Details:</b>	<b>Parameter</b>	<b>Value/Amount</b>	<b>Units</b>	<b>Comments</b>
	APM Plan	Y		
	Algae	N		
	Algimycin PWF Algaecide / Cyanobactericide	N		
	Alternative - Drawdown	N		
	Alternative - Dredging	N		
	Alternative - Manual Removal	N		
	Alternative - Mechanical Harvesting	Y		
	Alternative - Nutrient Controls	Y		
	Alternative - Sediment Screens	N		
	Alternative - Why Not Drawdown	not feasible		
	Alternative - Why Not Dredging	too expensive		
	Alternative - Why Not Manual Sediment Screens	ineffective		
	Alternative - Why Not Aqua Star	ineffective		
	Aqua Star	N		
	AquaPro Herbicide	N		
	AquaShade Aquatic Plant Growth Control	N		
	AquaStrike	N		
	Aquaneat Aquatic Herbicide	N		
	Aquashadow Black Pond Colorant	N		
	Aquathol K Aquatic Herbicide	Y		
	Aquathol Super K Granular Aquatic Herbicide	N		
	Avast! SC Aquatic Herbicide	N		
	Business Location License	93-000527		
	CO - # days	6		
	CO - Date Sent	02/19/2019		
	CONTROL_INVASIVES	Y		
	CONTROL_OTHER	N		
	Captain Liquid Copper Algaecide	N		
	Captain XTR Liquid Copper Algaecide	N		
	Category 5 Certification Number	1517		
	Chemical Permit ID	0		
	Chemicals - Approved	2,4-D (Navigate, DMA-4, Weedar)		
	Chemicals Permitted Previous Year	Some		
	Chinook	N		
	Clearcast (general)	N		
	Clearigate	N		
	Clipper Herbicide	N		
	Clipper SC Aquatic Herbicide	N		
	Comments	MISSING - Large Scale Treatment		

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Action	Detailed Description	Start	End Date	Status
Details: Parameter	Value/Amount	Units	Comments	
Common reed ( <i>Phragmites australis</i> )	N			
Common waterweed ( <i>Elodea canadensis</i> )	N			
Common/Glossy Buckthorn	N			
Control - Algae	Y			
Control - Emergent water plants	N			
Control - Floating water plants	Y			
Control - Submerged water plants	Y			
Coontail ( <i>Ceratophyllum demersum</i> )	Y			
Curly-leaf pondweed ( <i>Potamogeton crispus</i> )	Y			
Current	N			
Cutrine-Plus Algaecide and Herbicide	Y			
Cutrine-Plus Granular Algaecide	N			
Cutrine-Ultra Algaecide / Herbicide / cyanobactericide	Y			
DMA 4 IVM Herbicide	N			
Earthtec Algaecide / Bactericide	N			
Element 3A Herbicide	N			
Estimated Acres	201.44			
Eurasian water-milfoil ( <i>Myriophyllum spicatum</i> )	N			
Fee	1270			
Field Issued By	Craig_Helker			
Flowering Rush	N			
Flumioxazin 51% WDG - NonCrop	N			
Formula F-30 Algae Control	N			
Garlon 3A Herbicide	N			
Green Clean (general)	N			
Habitat (general)	Y			
Harpoon (general)	Y			
Harvester Landscape and Aquatic Herbicide	Y			
Havoc Amine	N			
Hybrid Cattail	N			
Hybrid Watermilfoil	N			
Hydrothol 191 Aquatic Algicide and Herbicide	Y			
Hydrothol Granular Aquatic Algaecide and Herbicide	N			
Improvement - swimming	Y			
Japanese Knotweed	N			
K-Tea Aquatic Algaecide	N			
Komeen Aquatic Herbicide	N			
Komeen Crystal Aquatic Herbicide	N			

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Action	Detailed Description	Start	End Date	Status
Details: Parameter	Value/Amount	Units	Comments	
Lake Surface Area	936			
Large Duckweed (Spirodela polyrhiza)	N			
Maintain navigational channel	Y			
Maintain private access - boating	Y			
Maintain private access - fishing	Y			
Method of Application	spreader or sprayer, drop line			
Milestone Herbicide	N			
More than 1 Property Owner	Y			
NUISANCE_CAUSED_OTHER	N			
Naiad	N			
Narrow-Leaf Cattail	N			
Nautique Aquatic Herbicide	N			
Navigate	Y			
Navitrol DPF Aquatic Herbicide	N			
Navitrol Landscape and Aquatic Herbicide	N			
Nutri-Sorb	N			
Orb-3 (general)	N			
Other Plants	watermilfoil curly-leaf pondw			
Overflow Controlled	N			
PLSS_DIRECTION	E			
PLSS_RANGE	20			
PLSS_SECTION	09			
PLSS_TOWNSHIP	04			
Payment Number	3787			
Permit County	Racine			
Permit End Year	2019			
Permit Latitude	42.8230620			
Permit Longitude	-88.1418900			
Permit PLSS Section	9 T04N R20E			
Permit Start Year	2019			
Permit WBIC	761700			
Phycomycin SCP Algaecide and Oxidizer	N			
Polaris	N			
Polaris AC	N			
Pond-Klear	N			
Pondweeds	N			
Private Pond	N			
ProcellaCOR EC	N			
Purple loosestrife (Lythrum salicaria)	N			
Reed Canary Grass	N			
Reed Manna Grass	N			
Refuge Herbicide	N			
Renovate 3	N			

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Details: Parameter	Value/Amount	Units	Comments	
Renovate LZR Aquatic Herbicide	N			
Renovate LZR Max Aquatic Herbicide	N			
Renovate Max G Aquatic Herbicide	N			
Renovate OTF Aquatic Herbicide	N			
Reward Landscape and Aquatic Herbicide	Y			
Rodeo Herbicide	N			
Roundup Custom for Aquatic & Terrestrial Use	N			
SCI-62 Algicide / Bactericide	N			
Sculpin G Aquatic Herbicide	N			
SeClear (general)	N			
SeClear G Algaecide and Water Quality Enhancer	N			
Sensitive Area	N/A			
SharePoint_Number	AP-IP-SE-2019-52-1949			
Shoreklear-Plus Aquatic Herbicide	N			
Shredder Amine 4	N			
Sonar A.S.	N			
Sonar Genesis Aquatic Herbicide	N			
Sonar H4C Aquatic Herbicide	N			
Sonar PR Precision Release	N			
Sonar Q Aquatic Herbicide	N			
Sonar RTU Aquatic Weed Herbicide	N			
Sonar SRP Aquatic Herbicide	N			
SonarOne Aquatic Herbicide	N			
Starry Stonewort	Y			
Stingray Aquatic Herbicide	N			
Surface Water Discharge	N/A			
Symmetry NXG	N			
TREATMENT_AREA	Wind Lake			
Touchdown Pro	N			
Treatment Area Greater Than 5%	Y			
Tribune Herbicide	Y			
WPDES Coverage	N			
Waterbody Type	Lake			
Waterbody have Public Access	Y			
Weedar 64 Broadleaf Herbicide	Y			
Weedestroy AM-40 Amine Salt - Selective Weed Killer	N			
Wind Direction	1517			
Yellow Floating Heart	N			
Yellow Iris	N			

## Wisconsin Department of Natural Resources SWIMS Project Summary

### Monitoring Stations

Station ID	Name	Comments
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### Assessment Units

WBIC	Segment	Local Name	Official Name
760200	1	Wind Lake Drainage Canal	Wind Lake Canal
760300	1	Unnamed Stream	Goose Lake Br Canal
761700	1	Wind Lake	Wind Lake
761800	1	Muskego Canal	Muskego Canal

### 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	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 SLOH:  
 Combined Total:

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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