

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** AIRR22418

**Name:** SPREAD EAGLE CHAIN O'LAKES ASSOCIATION: North Lake Eurasian Water Milfoil Response

**Type:** Aquatic Invasives Grant

**Subtype:** Aquatic Invasives Early Detection and Response

**Status:** COMPLETE

**Start Date:** 6/1/2017

**End Date:** 12/31/2019

**Purpose:** The Spread Eagle Chain of Lakes Association is sponsoring an Early Detection & Response grant with a project focus on surveying, monitoring, mapping, and hand-pulling Eurasian Watermilfoil (EWM) in North Lake, Florence County.

Project activities include: 1) Conduct annual early-season and mid-late season AIS surveys; 2) Conduct volunteer AIS surveillance monitoring; 3) Control EWM by volunteer hand-removal and professional hand-removal; 4) Develop annual maps and report; 5) Develop end of project report.

Project deliverables include: 1) EWM survey data and maps; 2) Annual reports and final report describing the findings of the AIS, hand-pulling efforts, and guidance for continued control actions.

Specific conditions for this project: Annual reports and final report need Department review and approval.

WDNR Lakes Management Coordinator will be provided with an electronic (pdf or word) copy of reports, all maps, and all aquatic plant and any GIS data.

**Objective:**

**Comments:** Grantee is SPREAD EAGLE CHAIN O'LAKES ASSOCIATION

**Outcome:**

**Study Design:**

**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Gauthier, Kevin J	TEAM_MEMBER	ACTIVE	1/3/2020		Wisconsin DNR	
Mosel, Kyle J	TEAM_MEMBER	INACTIVE	8/14/2019	2/23/2023	WISCONSIN DNR	
SMITH, AMANDA S	TEAM_MEMBER	COMPLETE	8/14/2019	4/2/2023	Wisconsin DNR	
Spread Eagle Chain O Lakes Ass	GRANT_RECIPIENT	ACTIVE	1/3/2019		Spread Eagle Chain O Lakes Association	
Van Egeren, Scott J	LAKE_BIOLOGIST	ACTIVE	8/14/2019		Wisconsin DNR	
WIRT, ALAN W	TEAM_MEMBER	ACTIVE	8/14/2019		Wisconsin DNR	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

## Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	Grant AIRR22418 awarded	6/1/2017	12/31/2018	COMPLETE
APM Chemical Permit Request	Chemical permit details	5/7/2019	5/7/2019	APPROVED

Details: Parameter	Value/Amount	Units	Comments
APM Plan	N/A		
Algae	N		
Algimycin PWF Algaecide / Cyanobactericide	N		
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	N		
Aquathol Super K Granular Aquatic Herbicide	N		
Avast! SC Aquatic Herbicide	N		
Business Location License	N/A		
CO - # days	3		
CO - Date Sent	05/07/2019		
CONTROL_INVASIVES	Y		
CONTROL_OTHER	N		
Captain Liquid Copper Algaecide	N		
Captain XTR Liquid Copper Algaecide	N		
Category 5 Certification Number	N/A		
Chemical Permit ID	0		
Chemicals - Approved	Liquid 2,4-D Amine Shredder 4		
Chemicals Permitted Previous Year	All		
Chinook	N		
Clearcast (general)	N		
Clearigate	N		
Clipper Herbicide	N		
Clipper SC Aquatic Herbicide	N		
Common reed (Phragmites australis)	N		
Common waterweed (Elodea canadensis)	N		
Common/Glossy Buckthorn	N		

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Details: Parameter	Value/Amount	Units	Comments
Control - Algae	N		
Control - Emergent water plants	N		
Control - Floating water plants	N		
Control - Submerged water plants	N		
Coontail (Ceratophyllum demersum)	N		
Curly-leaf pondweed (Potamogeton crispus)	N		
Current	N		
Cutrine-Plus Algaecide and Herbicide	N		
Cutrine-Plus Granular Algaecide	N		
Cutrine-Ultra Algaecide / Herbicide / cyanobactericide	N		
DMA 4 IVM Herbicide	N		
Earthtec Algaecide / Bactericide	N		
Element 3A Herbicide	N		
Estimated Acres	167		
Eurasian water-milfoil (Myriophyllum spicatum)	Y		
Fee	1207		
Field - Date Issued	05/14/2019		
Field - Date Received	04/22/2019		
Field Issued By	Mark_Sundeen		
Flowering Rush	N		
Flumioxazin 51% WDG - NonCrop	N		
Formula F-30 Algae Control	N		
Garlon 3A Herbicide	N		
Green Clean (general)	N		
Habitat (general)	N		
Harpoon (general)	N		
Harvester Landscape and Aquatic Herbicide	N		
Havoc Amine	N		
Hybrid Cattail	N		
Hybrid Watermilfoil	N		
Hydrothol 191 Aquatic Algicide and Herbicide	N		
Hydrothol Granular Aquatic Algaecide and Herbicide	N		
Improvement - swimming	N		

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<b>Details: Parameter</b>	<b>Value/Amount</b>	<b>Units</b>	<b>Comments</b>
Japanese Knotweed	N		
K-Tea Aquatic Algaecide	N		
Komeen Aquatic Herbicide	N		
Komeen Crystal Aquatic Herbicide	N		
Lake Surface Area	167		
Large Duckweed (Spirodela polyrhiza)	N		
Maintain navigational channel	N		
Maintain private access - boating	N		
Maintain private access - fishing	N		
Method of Application	N/A		
Milestone Herbicide	N		
More than 1 Property Owner	N/A		
NUISANCE_CAUSED_OTHER	N		
Naiad	N		
Narrow-Leaf Cattail	N		
Nautique Aquatic Herbicide	N		
Navigate	N		
Navitrol DPF Aquatic Herbicide	N		
Navitrol Landscape and Aquatic Herbicide	N		
Nutri-Sorb	N		
Orb-3 (general)	N		
Overflow Controlled	N/A		
Payment Number	1258		
Permit County	Bayfield		
Permit End Year	2019		
Permit Latitude	46.49877670		
Permit Longitude	-91.35720180		
Permit Start Year	2019		
Permit WBIC	2902900		
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		

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<b>Details: Parameter</b>	<b>Value/Amount</b>	<b>Units</b>	<b>Comments</b>
Reed Canary Grass	N		
Reed Manna Grass	N		
Refuge Herbicide	N		
Renovate 3	N		
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	N		
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-NO-2019-04-4314		
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	N		
Stingray Aquatic Herbicide	N		
Surface Water Discharge	N/A		
Symmetry NXG	N		
TREATMENT_AREA	Eagle Lake		
Touchdown Pro	N		
Treatment Area Greater Than 5%	N/A		
Tribune Herbicide	N		

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Details: Parameter	Value/Amount	Units	Comments
WPDES Coverage	N		
Waterbody Type	Lake		
Waterbody have Public Access	N/A		
Weedar 64 Broadleaf Herbicide	N		
Weedestroy AM-40 Amine Salt - Selective Weed Killer	N		
Wind Direction	N/A		
Yellow Floating Heart	N		
Yellow Iris	N		

### Monitoring Stations

Station ID	Name	Comments
10002429	North Lake - Spread Eagle Chain	

### Assessment Units

WBIC	Segment	Local Name	Official Name
702600	1	Middle Lake	Middle Lake
703000	1	North Lake	North Lake

### 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
9/5/2012 10:00	COMPLETE		10002429	North Lake - Spread Eagle Chain

### Documents

Title	Description	Author	Published	Comments
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### Budget

#### Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

### Funding

7/5/2024

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Organization	Source	Type	Amount	Start Date	End Date
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