

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** ACEI21418  
**Name:** BONE LAKE MANAGEMENT DISTRICT: Curlyleaf Pondweed and Giant Knotweed Control  
**Type:** Aquatic Invasives Grant  
**Subtype:** Aquatic Invasives Control  
**Status:** ACTIVE  
**Start Date:** 04/15/2018  
**End Date:** 06/30/2020  
**Purpose:** Bone Lake Management District is sponsoring a 2-yr project to implement approved activities from the Bone Lake Aquatic Plant Management Plan.

Project deliverables include GIS data & maps of areas monitored, aquatic plant & turion monitoring results, and management/treatment summaries.

Specific project activities include: 1) Curly-leaf pondweed herbicide control; 2) Knotweed control; 3) Pre-post treatment aquatic plant monitoring; 4) CLP bed mapping; 5) Turion monitoring.

Special Conditions: 1) WDNR\2019s Aquatic Plant Management in Wisconsin guidance shall be followed for aquatic plant monitoring; 2) Sponsor shall contact DNR immediately if a new AIS is found.

This scope summarizes the project detail provided in the 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 regional Lakes Biologist.

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

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Bone Lake Management Dist	GRANT_RECIPII	ACTIVE	04/15/2018	06/30/2020	Bone 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 ACEI21418 awarded	04/15/2018	06/30/2020	COMPLETE

## Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start	End Date	Status
APM Chemical Permit Request	Chemical permit details	02/25/2019	02/25/2019	APPROVED
<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	N		
	Alternative - Nutrient Controls	Y		
	Alternative - Sediment Screens	N		
	Alternative - Why Not Drawdown	Not feasible		
	Alternative - Why Not Dredging	Not feasible		
	Alternative - Why Not Manual Mechanical	Too large an area		
	Alternative - Why Not Sediment Screens	Harvester not available, conce		
	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	93-006836-006558		
	CHEMICAL_PERMIT_ID	0		
	CO – Date Sent	02/26/2019		
	CONTROL_INVASIVES	Y		
	CONTROL_OTHER	N		
	Captain Liquid Copper Algaecide	N		
	Captain XTR Liquid Copper Algaecide	N		
	Category 5 Certification Number	N/A		
	Chemicals - Approved	Aquathol K		
	Chemicals Permitted Previous Year	All		
	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	N			
Control - Emergent water plants	N			
Control - Floating water plants	N			
Control - Submerged water plants	Y			
Coontail ( <i>Ceratophyllum demersum</i> )	N			
Curly-leaf pondweed ( <i>Potamogeton crispus</i> )	Y			
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	32			
Eurasian water-milfoil ( <i>Myriophyllum spicatum</i> )	N			
Fee	820			
Field - Date Issued	03/18/2019			
Field - Date Received	02/26/2019			
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			
Japanese Knotweed	N			
K-Tea Aquatic Algaecide	N			
Komeen Aquatic Herbicide	N			

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Action	Detailed Description	Start	End Date	Status
Details: Parameter	Value/Amount	Units	Comments	
Komeen Crystal Aquatic Herbicide	N			
Lake Surface Area	1781			
Large Duckweed (Spirodela polyrhiza)	N			
Maintain navigational channel	N			
Maintain private access - boating	N			
Maintain private access - fishing	N			
Method of Application	Underwater injection and/or su			
Milestone Herbicide	N			
More than 1 Property Owner	Y			
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			
Payment Number	2004			
Permit County	Polk			
Permit End Year	2019			
Permit Latitude	45.5045809			
Permit Longitude	-92.3838000			
Permit PLSS Section	20 T35N R16W			
Permit Start Year	2019			
Permit WBIC	2628100			
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			
Renovate LZR Aquatic Herbicide	N			
Renovate LZR Max Aquatic Herbicide	N			
Renovate Max G Aquatic	N			

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Action	Detailed Description	Start	End Date	Status
Details: Parameter	Value/Amount	Units	Comments	
Herbicide				
Renovate OTF Aquatic Herbicide	N			
Restricted Use License	See Attachment A			
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	Y			
SharePoint_Number	AP-IP-NO-2019-49-2050			
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	Y			
Symmetry NXG	N			
TREATMENT_AREA	Bone Lake			
Touchdown Pro	N			
Treatment Area Greater Than 5%	N			
Tribune Herbicide	N			
WPDES Coverage	N			
Waterbody Type	Lake			
Waterbody have Public Access	Y			
Weedar 64 Broadleaf Herbicide	N			
Weedestroy AM-40 Amine Salt - Selective Weed Killer	N			
Yellow Floating Heart	N			
Yellow Iris	N			

### Monitoring Stations

Station ID	Name	Comments
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## Wisconsin Department of Natural Resources SWIMS Project Summary

### Assessment Units

WBIC	Segment	Local Name	Official Name
2626800	1	Fox Creek	Fox Creek
2628100	1	Bone Lake T35n R16w S06	Bone Lake
2628200	1	Prokor Creek	Prokor Creek
2628300	1	Local Water	Unnamed
2628400	1	Local Water	Unnamed
5005244	1	Local Water	Unnamed
5005251	1	Local Water	Unnamed

### 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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