

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: AIRR22618

Name: LITTLE MUSKEGO LAKE P & R DISTRICT: Little Muskego Drawdown to Suppress Starry Stonewort

Type: Aquatic Invasives Grant

Subtype: Aquatic Invasives Early Detection and Response

Status: COMPLETE

Start Date: 8/23/2017

End Date: 12/31/2018

Purpose: The Little Muskego Lake Protection and Rehabilitation District, in partnership with the City of Muskego and the Wisconsin Department of Natural Resources, is undertaking an extended 84 inch winter drawdown of Little Muskego Lake. The purpose of the project is to expose Starry Stonewort rhizoids and bulbils to freezing and drying conditions, in an attempt to kill the Starry Stonewort and achieve a significant control of the population. Project deliverables include weekly drawdown reports with photo essays, copies of informational handouts (such as website snapshots, newspaper articles, special mailings, newsletters, etc), pictures of informational signs about the drawdown, drone pictures and drone video (if available). All project deliverables can be provided in electronic format.

Objective:

Comments: Grantee is LITTLE MUSKEGO LAKE P & R DISTRICT

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Bunk, Heidi J	LAKE_BIOLOGIST	ACTIVE	8/14/2019		Wisconsin DNR	
KRETLOW, AMY L	COORDINATOR	ACTIVE	8/14/2019		Wisconsin DNR	
Little Muskego Lake P & R Dist	GRANT_RECIPIENT	ACTIVE	1/3/2019		Little Muskego Lake P & R District	
Mosel, Kyle J	TEAM_MEMBER	INACTIVE	8/14/2019	2/23/2023	WISCONSIN DNR	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	Grant AIRR22618 awarded	8/23/2017	12/31/2018	COMPLETE
APM Chemical Permit Request	Chemical Permit Details	4/16/2018	4/30/2018	APPROVED

Details: Parameter	Value/Amount	Units	Comments
Broad-leaved cattail (Typha latifolia)	N		
Business Location License	N/A		
CO - # days	10		
CO - 15 days	Y		

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Details: Parameter	Value/Amount	Units	Comments
CO – Date Sent	4/30/2018		
CO-Date_Received	4/16/2018		
CONTROL_OTHER	N		
Category 5 Certification Number	N/A		
Chemical Permit ID	6157		
Chemicals - Approved	N/A		
Comments	N/A		
Common arrowhead (Sagittaria latifolia)	N		
Common reed (Phragmites australis)	N		
Common waterweed (Elodea canadensis)	N		
Control - Algae	N		
Control - Emergent water plants	N		
Control - Floating water plants	N		
Control - Nuisance algae	N		
Control - PL	N		
Control - Submerged water plants	Y		
Coontail (Ceratophyllum demersum)	N		
Curly-leaf pondweed (Potamogeton crispus)	N		
Entered in SharePoint	Y		
Estimated Acres	200		
Eurasian water-milfoil (Myriophyllum spicatum)	N		
Fee	1270		
Field - # days	Y		
Field Issued By	Heidi_Bunk		
Filamentous Algae	N		
Improvement - swimming	N		
Lake Surface Area			
Large Duckweed (Spirodela polyrhiza)	N		
Large Scale Treatment Form	N		
Large-leaf pondweed (Potamogeton amplifolius)	N		
Maintain navigational channel	Y		
Maintain private access - boating	N		
Maintain private access - fishing	N		

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Details: Parameter	Value/Amount	Units	Comments
Muskgrasses (Chara)	N		
NUISANCE_CAUSED_OTHER	N		
Native Plants	N		
Next Steps	Heidi Bunk		
Other Plants	Eurasian watermilfoil, hybrid watermilfoil and Curlyleafpondweed		
PLSS_DIRECTION	E		
PLSS_RANGE	20		
PLSS_SECTION	04		
PLSS_TOWNSHIP	05		
Payment Number	05301		
Permit County	Waukesha		
Permit End Year	2018		
Permit Latitude	42.914496		
Permit Longitude	-88.141339		
Permit PLSS Section	4 T5N R20E		
Permit Start Year	2018		
Permit WBIC	762700		
Pithophora	N		
Planktonic Algae	N		
Private Pond	N		
Purple loosestrife (Lythrum salicaria)	N		
SharePoint Submittal	N		
Softstem bulrush (Schoenoplectus tabernaemontani)	N		
Sogo pondweed (Stuckenia pectinata)	N		
TREATMENT_AREA	Little Muskego Lake		
Treatment Date	N		
Treatment Date	N		
Treatment Record - Received	N		
Treatment Record - Scanned	N		
Waterbody Type	LAKE		

Monitoring Stations

Station ID	Name	Comments
10007183	Little Muskego Lake	

Assessment Units

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WBIC	Segment	Local Name	Official Name
762700	1	Little Muskego Lake	Little Muskego 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
9/16/2014 12:00	COMPLETE		10007183	Little Muskego Lake

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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