

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: ACEI-143-14

Name: GREEN LAKE SANITARY DISTRICT: Green Lake AIS Monitoring & Control

Type: Aquatic Invasives Grant

Subtype: Aquatic Invasives Control

Status: COMPLETE

Start Date: 10/1/2013

End Date: 6/30/2020

Purpose: The Green Lake Sanitary District is sponsoring an AIS control grant on Big Green Lake, in Green Lake County. This is the first phase of an AIS control project that will focus on EWM and CLP management. The goal of the project is to lower AIS populations within the Silver Creek Estuary, Beyers Cove, and City Millpond to levels that minimally affect the aquatic ecosystem of those areas.

Project activities include: 1) Early season AIS surveys; 2) Annual AIS targeted herbicide treatments in the above mentioned basins; 3) PI surveys and aquatic plant community mapping; 4) EWM peak-biomass survey; 5) Spring pretreatment confirmation and refinement surveys; 6) Volunteer herbicide concentration monitoring

Project deliverables include: 1) Chemical control of EWM and CLP; 2) Pre and post treatment surveys and aquatic plant community maps; 3) Annual letter reports; 4) Green Lake aquatic vegetation report; 5) Annual Green Lake Sanitary District presentation; Stakeholder participation components (herbicide concentration monitoring, CBCW); 6) Recommendations for future AIS management beyond the timeframe covered by this grant.

Scope Amend: Add County K marsh

Objective:

Comments: Grantee is GREEN LAKE SANITARY DISTRICT

Outcome:

Study Design:

QA Measures:

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Green Lake Sanitary District,	GRANT_RECIPIENT	ACTIVE	10/1/2013	12/31/2016	Green Lake Sanitary District	

Project Statuses			
Date	Reported By	Status	Comments

Actions				
Action	Detailed Description	Start Date	End Date	Status
Monitor Pre and Post Treatment		10/1/2013	12/31/2016	PROPOSED
Aquatic Plant Monitoring or Survey	PI Survey and Aquatic plant community mapping	10/1/2013	12/31/2016	PROPOSED
Project Deliverable	Annual Letter Reports	10/1/2013	12/31/2016	PROPOSED
Biomonitoring Toxicity Tests		10/1/2013	12/31/2016	PROPOSED

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Informational Meetings	Annual Green Lake Sanitary District Presentation; stakeholder participation components	10/1/2013	12/31/2016	PROPOSED
Aquatic Plant Monitoring or Survey	EWM Peak Biomass survey	10/1/2013	12/31/2016	PROPOSED
Project Deliverable	Aquatic Vegetation Report	10/1/2013	12/31/2016	PROPOSED
APM Chemical Permit Request		10/1/2013	12/31/2016	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			

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Details: Parameter	Value/Amount	Units	Comments
Cutrine Liquid Acres			
Cutrine Liquid Gallons			
Cutrine Plus Acres			
Cutrine Plus Liquid Acres			
Cutrine Plus Liquid Gallons			
Cutrine Plus Pounds			
Cutrine Pounds			
Cutrine Ultra Acres			
Cutrine 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			

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Details: Parameter	Value/Amount	Units	Comments		
Imazapyr Gallons					
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					
Monitor Invasive Species		10/1/2013	12/31/2016	PROPOSED	
Grant Awarded		10/1/2013	12/31/2016	COMPLETE	

Monitoring Stations

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Station ID	Name	Comments
10002700	Big Green Lake	

Assessment Units

WBIC	Segment	Local Name	Official Name
146100	1	Green Lake (Big Green)	Green Lake
146100	2	Aba Beach, Green Lake	Green Lake
146100	3	Camp Grow Beach, Green Lake	Green Lake
146100	4	Dodge County Park Beach, Green Lake	Green Lake
146100	5	Hattie Sherwood Beach, Green Lake	Green Lake
146100	6	Pilgrim Center Beach, Green Lake	Green Lake
146100	7	Silver Creek -- Spaulding Road, Green Lake	Green Lake
146100	8	Sunset County Park, Green Lake	Green Lake
146100	9	Green Lake (Northern Lobe)	Green Lake
146200	1	Hill Creek	Hill Creek
146600	1	White Creek	White Creek
146700	1	Dakin Creek	Dakin Creek
146800	3	Silver Creek Mouth	Silver Creek
146800	5	Silver Cr Spaulding, Kmart Beach	Silver Creek
3000091	1	Assembly Creek	Assembly Creek
3000531	1	Local Water	Unnamed
5026636	1	Unnamed Stream	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	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
ACEI-143-14_County K Marsh Restoration Project Photos	County K Marsh Restoration Project. Photos of barrier installation and placement.	Green Lake Sanitary District	1/1/2014	Author unknown

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Green Lake AIS Monitoring & Control Strategy Development Phase 1: 2013- 2015		Onterra, LLC	8/1/2013	
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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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