

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: ACEI-108-12
Name: CITY OF EAU CLAIRE: Half Moon Lake CLP Treat, Assess
Type: Aquatic Invasives Grant
Subtype: Aquatic Invasives Control
Status: COMPLETE
Start Date: 10/01/2011
End Date: 12/31/2013
Purpose: The City of Eau Claire proposes to apply herbicides in whole lake treatments to control Curly Leaf Pondweed in Half Moon Lake, Eau Claire County, in 2012 and 2013. Other project elements to include: 1) aquatic plant sampling and monitoring, 2) water quality sampling and monitoring, and 3) final report.

Additional Special Condition: The attached Special Conditions are requirements of the U.S. Environmental Protection Agency (EPA) Federal Great Lakes Restoration Initiative (GLRI) funding being used to provide a portion of the State cost share for this project.

Objective:

Comments: Grantee is CITY OF EAU CLAIRE

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
City of Eau Claire,	GRANT_RECIPII	COMPLETE	10/01/2011	05/07/2014	City of Eau Claire	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
Grant Awarded		10/01/2011	12/31/2015	COMPLETE
Monitor Water Quality or Sediment		10/01/2011	12/31/2013	PROPOSED
Aquatic Plant Monitoring or Survey		10/01/2011	12/31/2013	PROPOSED
Project Deliverable	Final Report	10/01/2011	12/31/2013	PROPOSED

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Action	Detailed Description	Start	End Date	Status
APM Chemical Permit Request		10/01/2011	12/31/2013	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			
	Citrine Acres			
	Citrine Liquid Acres			
	Citrine Liquid Gallons			
	Citrine Plus Acres			
	Citrine Plus Liquid Acres			
	Citrine Plus Liquid Gallons			
	Citrine Plus Pounds			
	Citrine Pounds			
	Citrine Ultra Acres			
	Citrine Ultra Gallons			
	DMA 4 IVM Acres			

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Action	Detailed Description	Start	End Date	Status
Details: Parameter	Value/Amount	Units	Comments	
	DMA 4 IVM Gallons			
	Did Treatments Occur			
	Diquat Acres			
	Diquat Gallons			
	Diquat Liquid Acres			
	Diquat Pounds			
	Endothol Acres			
	Endothol Liquid Acres			
	Endothol Liquid Gallons			
	Endothol 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			
	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			

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Action	Detailed Description	Start	End Date	Status
Details: Parameter	Value/Amount	Units	Comments	
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				

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
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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
Changes in the Aquatic Plant Community of Halfmoon Lake 2008-2014	The aquatic plant community of a lake is full of complex interactions that contribute to the overall health of an	Wisconsin Department of Natural Resources	02/01/2015	

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Title	Description	Author	Published	Comments
	<p>aquatic ecosystem. Every level of the aquatic food chain from bacteria and invertebrates to fish and waterfowl are dependent upon aquatic plants to some degree for their survival (Engel, 1985; Wetzel, 2001). Photosynthesis and respiration are important in maintaining clear waters (Engel, 1990). Aquatic plants stabilize sediments and absorb wave action which in turn prevents turbidity caused by suspended sediments. Light penetration, excess nutrients from run-off, wave action and lake morphometry all affect the plant community of the littoral zone (Barko 1988; Duarte and Kalff, 1986). The importance of aquatic plants in an aquatic ecosystem creates the need to study the diversity, density and distribution of the aquatic plant community as well as an examination of the factors impacting the plant community.</p>			

Budget

Combined Budgets:
Combined SLOH:
Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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