### **General Project Information**

Project ID:	ACEI-108-12
Name:	CITY OF EAU CLAIRE: Half Moon Lake CLP Treat, Assess
Туре:	Aquatic Invasives Grant
Subtype:	Aquatic Invasives Control
Status:	COMPLETE
Start Date:	10/1/2011
End Date:	12/31/2013
Purpose:	The City of Eau Claire proposes to apply herbacides 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_RECIPI ENT	COMPLETE	10/1/2011	5/7/2014	City of Eau Claire	

### **Project Statuses**

Date	Reported By	Status	Comments							
Actions										
Action		Detailed Description		Start Date	End Date	Status				
Grant Awarded				10/1/2011	12/31/2015	COMPLETE				
Monitor Water 0	Quality or Sediment			10/1/2011	12/31/2013	PROPOSED				
Project Delivera	ble	Final Report		10/1/2011	12/31/2013	PROPOSED				
Aquatic Plant M	onitoring or Survey			10/1/2011	12/31/2013	PROPOSED				
APM Chemical	Permit Request			10/1/2011	12/31/2013	PROPOSED				
Details: I	Parameter	Value/Amount	Units	Cor	nments					
2	24D Granular, # Acres									
2	24D Granular, # Pounds									
2	24D Liquid, # Acres									
2	24D Liquid, # Pounds									
	Acres Treated - 1997 to 20	03								

Details:	Parameter	Value/Amount	Units	Comments
	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			
	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			

Details:	Parameter	Value/Amount	Units	Comments
	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			
	Imazapyr Gallons			
	Nautique Acres			
	Nautique Gallons			
	Navigate Acres			
	Navigate, # Pounds			
	Onsite Supervision Present?			
	Permit #			
	Phycomycin Acres			
	Phycomycin Pounds			
	Polaris Acres			
	Polaris Gallons			

Details:	Paramet	er		Value/Amount	Uni	ts	Comments						
	Refuge A	Acres											
	Refuge 0	Gallons											
	Reward	Acres											
	Reward	Gallons	5										
	Reward	Liquid A	Acres										
	Reward	Pounds	6										
	Rodeo A	cres											
	Rodeo G	allons											
	SCI-62 A	cres											
	SCI-62 G	I-62 Acres I-62 Gallons Ilpin G Acres Ilpin G Pounds Clear Acres Clear Gallons oreKlear Acres oreKlear Acres oreKlear Gallons nar AS Gallons nor AS Acres uchdown Pro Acres											
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	Sculpin (	-62 Gallons Ilpin G Acres Ilpin G Pounds Clear Acres Clear Gallons preKlear Acres preKlear Gallons har AS Gallons hor AS Acres uchdown Pro Acres uchdown Pro Gallons											
	SeClear	Ilpin G Acres Ilpin G Pounds Clear Acres Clear Gallons oreKlear Acres oreKlear Gallons nar AS Gallons nor AS Acres Juchdown Pro Acres											
	SeClear	lear Gallons reKlear Acres reKlear Gallons											
	ShoreKle	reKlear Gallons											
	ShoreKle	ear Gall	lons										
	Sonar As	S Gallo	ns										
	Sonor As	S Acres	;										
	Touchdo	wn Pro	Acres										
	Touchdo	wn Pro	Gallo	IS									
	Treatme	nt Date	0										
	Treatme	nt Date	Series	3									
	Tribune Acres												
	I ribune	Gallons	;										
	Vectoba	Collor											
	vectobal	Gallor	15										
Monitoring S	Stations												
Station ID		Name	•			Comments							
Assessment	t Units												
WBIC	S	Seamer	nt	Local Name		Official N	ame						
		- <b>g</b>											
Lab Accoun	t Codes												
Account Code	)	Des	criptio	on				Start Date	End Date				
Forms													
Form Code		I	Form I	Name									
Methods													
Method Code			Metho	od Description									
Fieldwork E	ork Events												

Start Date	Status		Field ID	Stat	ion ID	Station Na	me	
Documents								
Title		Descriptio	on		Author		Published	Comments
Changes in the Aq Plant Community of Halfmoon Lake 200	uatic of 08-2014	The aquati is full of co contribute aquatic ec aquatic for invertebra dependen degree for Wetzel, 20 respiration clear wate plants stab wave action turbidity c sediments nutrients f lake morp communit 1988; Dua importance aquatic ec study the o distributio communit the factors communit	ic plant community of a l omplex interactions that to the overall health of a osystem. Every level of th od chain from bacteria and tes to fish and waterfowl t upon aquatic plants to their survival (Engel, 198 01). Photosynthesis and a re important in maintain rs (Engel, 1990). Aquatic bilize sediments and abso on which in turn prevents aused by suspended . Light penetration, excess rom run-off, wave action hometry all affect the play y of the littoral zone (Bar rte and Kalff, 1986). The e of aquatic plants in an osystem creates the need diversity, density and n of the aquatic plant y as well as an examinati s impacting the plant y.	lake an ne nd are some 35; aining orb ant cko d to on of	Wisconsin I of Natural I	Department Resources	2/1/2015	
Budget								
Combined Budge Combined WSLH Combined Total:	ts: :	\$0.(	00					
Funding								

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Organization	Source	Туре	Amount	Start Date	End Date