#### **General Project Information**

Project ID: AIRR-133-13

Name: TOWN OF BARNES: Middle Eau Claire Lake CLP Early Detection/Response 2012-2016

**Type:** Aquatic Invasives Grant

**Subtype:** Aquatic Invasives Early Detection and Response

Status: COMPLETE

**Start Date:** 7/1/2012 **End Date:** 6/30/2020

**Purpose:** The Town of Barnes is sponsoring a four-year curlyleaf pondweed response project on Middle Eau Claire, Bayfield County, to do the following activities: community information and education; improved signage; aquatic plant survey and management

plan; and curlyleaf pondweed management (e.g. manual removal, herbicide treatment) and monitoring. This project may

include monitoring nearby lakes and/or management planning.

Project deliverables include: 1) A project report summarizing information/education, management, and monitoring activities; 2)

Pre-post treatment and other monitoring data/results; 3) Aquatic Plant Management Plan, if necessary.

This scope is intended to summarize the detailed project scope provided in the application and does not supersede those application tasks/deliverables. Data, records, and reports, including GIS-based maps and digital images, must be submitted

to the Department in a format specified by the regional Lake Coordinator.

Objective:

Comments: Grantee is TOWN OF BARNES

Outcome:

Study Design:

**QA Measures:** 

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Town of Barnes (Bayfield Co.),	GRANT_RECIPI ENT	ACTIVE	7/1/2012		Town of Barnes	

#### **Project Statuses**

Date	Reported By	Status	Comments

Actions				
Action	<b>Detailed Description</b>	Start Date	End Date	Status
Install Kiosk or Sign		7/1/2012	6/30/2016	PROPOSED
Aquatic Plant Management Plan		7/1/2012	6/30/2016	PROPOSED
Grant Awarded		7/1/2012	6/30/2016	COMPLETE
Information and Education		7/1/2012	6/30/2016	PROPOSED
Aquatic Plant Monitoring or Survey		7/1/2012	6/30/2016	PROPOSED
Project Deliverable	project report	7/1/2012	6/30/2016	PROPOSED
Monitor Pre and Post Treatment		7/1/2012	6/30/2016	PROPOSED

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	Parameter	Value/Amount	Units	Co	mments	
	Total Acres harvested					
	Total pounds of plants harvested					
PM Chemical	Permit Request			7/1/2012	6/30/2016	PROPOSED
Details:	Parameter	Value/Amount	Units	Co	mments	
	24D Granular, # Acres					
	24D Granular, # Pounds					
	24D Liquid, # Acres					
	24D Liquid, # Pounds					
	Acres Treated - 1997 to 200	03				
	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					

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 Wat Use Restriction Signs Posted in Accordance with NR 107?	er		
	Hydrothol Acres			
	Hydrothol Gallons			
	Imazapyr Acres			
	Imazapyr Gallons			

Details:	Parameter	Value/Amount	Units	Comments
	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			
onitoring S	Stations			
ation ID	Name		Comments	

#### **Assessment Units**

Lack Account Code    Description   Form Name   Form Code   Methods   Method Code   Met											
Form   Form   Code   Form   Name   Form   Code   Form   Name   Form   Code   Form   Name   Field work   Events   Field   Description   Fieldwork	WBIC	Seg	ment	Local Name			(	Official Name			
Form Code   Form Name   Form Name   Form Name   Form Code   Method Code   Method Description   Fieldwork Events   Start Date   Status   Field ID   Station ID   Station Name   Status   Field ID   Station ID   Station Name   Fieldwork Events   Fieldwork Even	Lab Account Co	odes									
Method Code  Method Code  Method Description  Fieldwork Events  Start Date  Status  Field ID  Station ID  Station Name   Documents  Title  Description  Author  The Town of Barnes  Bed Mapping Survey  Curly-leaf pondweed (Potamogeton crispus) Meandering Littorial Zone and Bed Mapping Surveys  Lupper and Middle Eau Claire Lakes WBIC: 2742700 and 2742100 Bayfield County, Wisconsin  Misconsin  Misconsin  Misconsin  Misconsin  Misconsin  Field ID  Station ID  Station Name  Author  Published  Comments  Author  Published  Comments  Author  Published  Comments  Aduatic Plant Barnes  6/1/2016  Misconsin  Matt Berg  6/19/2020  Matt Berg  6/19/2020  Matt Berg  6/19/2020  Matt Berg  6/19/2020  Misconsin  Misconsin  Misconsin  Misconsin  Misconsin  Misconsin  Field ID  Station ID  Matt Barnes  6/1/2016  Misconsin  Misconsin  Misconsin  Misconsin  Field ID  Station ID  Station Name  Author  Published  Comments  Misconsin  Misconsin  Misconsin  Misconsin  Field ID  Station ID  Station Name  Author  Published  Comments  Misconsin  Misconsin  Misconsin  Author  Misconsin  Field ID  Station ID  Station Name  Author  Published  Comments  Misconsin  Matt Berg  6/1/2016  Misconsin  Misconsin  Misconsin  Field ID  Station ID  Station Name  Misconsin  Author  Published  Comments  Misconsin  Misconsin  Author  Matt Berg  6/19/2020  Misconsin  Misconsin  Misconsin  Author  Published  Comments  Misconsin  Misconsin  Author  Published  Comments  Misconsin  Matt Berg  6/19/2020  Misconsin  Misconsin  Author  Published  Comments  Author  Matt Berg  6/19/2020  Misconsin  Misconsin  Misconsin  Field ID  Author  Published  Comments  Matterior  Misconsin  Field ID  Station ID  Matterior  Misconsin  Author  Published  Comments  Author  Matterior  Author  Matterior  Field ID  Matterior  Misconsin  Author  Field ID  Matterior  Misconsin  Author  Author  Matterior  Author  Matter	Account Code		Description	on						Start Date	End Date
Method Code  Method Code  Method Description  Fieldwork Events  Start Date  Status  Field ID  Station ID  Station Name  Documents  Title  Description  Author  The Town of Barnes  Bed Mapping Survey  Curly-leaf pondweed (Potamogeton crispus) Meandering Littoral Zone and Bed Mapping Surveys Lupper and Middle Eau Claire Lakes WBIC: 2742700 and 2742100 Bayfield County, Wisconsin  Misconsin  Misconsin  Misconsin  Misconsin  Misconsin  Method Description  Author  Published Comments  Comments  Author  Published Comments  Author  Published Comments  Author  Published Comments  Author  Published Comments  Adattor  Misconsin  Matt Berg  6/1/2016  6/19/2020  Matt Berg  Mitt	Forms										
Method Code   Method Description	Form Code		Form I	Name							
Fieldwork Events  Start Date Status Field ID Station ID Station Name  Documents  Title Description Aquatic Plant Management Plan  Bed Mapping Survey In 2005, concern over the spread of (Potamogeton crispus) Meandering Littoral Zone and Bed Mapping Surveys Into an arrow of Barnes Plan Surveys Into an arrow of Barnes Aguatic Invasive Species Committee (then the Eurasian water-milfoil Committee) and the Eau Claire Lakes Area Property Owners Association to authorize an initial point intercept Survey to look for exotic plant species in the lakes. This survey did not find EWM, Curlyleaf pondweed (Potamogeton crispus) (CLP), or any other exotic species to be present in either Upper or Middle Eau Claire Lakes (Kudlas et al. pers. corrim.).  MIDDLE EAU CLAIRE LAKE AQUATIC PLANT MANAGEMENT (APM) SUMMARY Strategy. Manual removal will be	Methods										
Pield ID   Station ID   Station Name	Method Code		Metho	od Description							
Title Description Author Published Comments  Aquatic Plant Management Plan  Bed Mapping Survey  Curly-leaf pondweed (Potamogeton crispus) Meandering Littoral Zone and Bed Mapping Survey: Upper and Middle Eau Claire Lakes WBIC: 2742700 and 2742100 Bayfield County, Wisconsin  Aquatic Plant Management Plan  Bed Mapping Survey:  In 2005, concern over the spread of Eurasian water-milfoil (Myriophyllum spicatum) (EWM) into nearby Tomahawk and Sand Bar Lakes prompted members of the Town of Barnes Aquatic Invasive Species Committee (then the Eurasian water-milfoil Committee) and the Eau Claire Lakes Area Property Owners Association to authorize an initial point-intercept survey to look for exotic plant species in the lakes. This survey did not find EWM, Curlyleaf pondweed (Potamogeton crispus) (CLP), or any other exotic species to be present in either Upper or Middle Eau Claire Lakes (Kudlas et al. pers. corrim).  MIDDLE EAU CLAIRE LAKE AQUATIC PLANT MANAGEMENT (APM)  SUMMARY  SUMMARY  The Town of Barnes  Author  Matt Berg  6/19/2020  Matt Berg  6/19/2020  Matt Berg  6/19/2020  Matt Berg  6/19/2020  Town of Barnes  1/1/2020	Fieldwork Event	ts									
Title Description Author Published Comments  Aquatic Plant Management Plan  Bed Mapping Survey  Curly-leaf pondweed (Potamogeton crispus) Meandering Littoral Zone and Bed Mapping Surveys Upper and Middle Eau Claire Lakes WBIC: 2742700 and 2742100 Bayfield County, Wisconsin  Aduatic Invasive Species Committee (then the Eurasian water-milfoil Committee) and the Eau Claire Lakes Area Property Owners Association to authorize an initial point-intercept survey to look for exotic plant species in the lakes. This survey did not find EWM, Curlyleaf pondweed (Potamogeton crispus) (CLP), or any other exotic species to be present in either Upper or Middle Eau Claire Lakes (Kudlas et al. pers. corrim.)  MIDDLE EAU CLAIRE LAKE AQUATIC PLANT MANAGEMENT (APM) SUMMARY  SUMMARY  Title Town of Barnes 6/1/2016  Matt Berg 6/19/2020  For Javagement Again water-milfoil Committee and Bar University (EWM) into nearby Tomahawk and Sand Bar Uakes Property Owners Association to authorize an initial point-intercept survey to look for exotic plant species in the lakes. This survey did not find EWM, Curlyleaf pondweed (Potamogeton crispus) (CLP), or any other exotic species to be present in either Upper or Middle Eau Claire Lakes (Kudlas et al. pers. corrim.).  MIDDLE EAU CLAIRE LAKE AQUATIC PLANT manual professional monitoring will measure the success of the BAISS strategy. Manual removal will be	Start Date	Status		Field ID	Stat	ion ID	Station	n Name			
Aquatic Plant Management Plan  Bed Mapping Survey  Curly-leaf pondweed (Potamogeton crispus) Meandering Littoral Zone and Bed Mapping Surveys Upper and Middle Eau Claire Lakes prompted members of the Town of Barnes 2742100 Bayfield County, Wisconsin  Aquatic Invasive Species Committee (then the Eurasian water-milfoil Committee) and the Eau Claire Lakes Area Property Owners Association to authorize an initial point-intercept survey to look for exotic plant species in the lakes. This survey did not find EWM, Curlyleaf pondweed (Potamogeton crispus) (CLP), or any other exotic species to be present in either Upper or Middle Eau Claire Lakes (Kudlas et al. pers. corrim.)  MIDDLE EAU CLAIRE LAKE AQUATIC PLANT annual professional monitoring will measure the success of the BAISS Strategy. Manual removal will be  The Town of Barnes 6/1/2016  Matt Berg 6/19/2020  Matt Berg 6/19/2020  Matt Berg 6/19/2020  Matt Berg 6/19/2020  Forward of Barnes 6/19/2020  Forward of Barn	Documents										
Plan  Bed Mapping Survey  Curly-leaf pondweed (Potamogeton crispus) Meandering Littoral Zone and Bed Mapping Surveys Upper and Middle Eau Claire Lakes WBIC: 2742700 and 2742100 Bayfield County, Wisconsin  Aguatic Invasive Species Committee (then the Eurasian water-milfoil Committee) and the Eau Claire Lakes Area Property Owners Association to authorize an initial point- intercept survey to look for exotic plant species in the lakes. This survey did not find EWM, Curlyleaf pondweed (Potamogeton crispus) (CLP), or any other exotic species to be present in either Upper or Middle Eau Claire Lakes (Kudlas et al. pers. corrim.).  MIDDLE EAU CLAIRE LAKE AQUATIC PLANT MANAGEMENT (APM) SUMMARY  In 2005, concern over the spread of Eurasian water-milfoil (Myriophyllum spicatum) (EWM) Matt Berg 6/19/2020  Matt Berg 6/19/2020  Matt Berg 6/19/2020  Matt Berg 6/19/2020  Town of Barnes 1/1/2020  Town of Barnes 1/1/2020  1/1/2020	Title		Descrip	otion		Author		Published	Commer	nts	
Curly-leaf pondweed (Potamogeton crispus) Meandering Littoral Zone and Bed Mapping Surveys Upper and Middle Eau Claire Lakes WBIC: 2742700 and Z742100 Bayfield County, Wisconsin  Misconsin  Matt Berg  Matt Berg  Matt Berg  Matt Berg  Matt Berg  6/19/2020  Matt Berg  Matt Berg  Matt Berg  6/19/2020  Matt Berg  Matt Berg  6/19/2020  Matt Berg  Matt Berg  Matt Berg  Matt Berg  Matt Berg  6/19/2020  Matt Berg  Matt Ber	· ·	agement				The Town o	of Barne	6/1/2016			
(Potamogeton crispus) Meandering Littoral Zone and Bed Mapping Surveys Upper and Middle Eau Claire Lakes WBIC: 2742700 and 2742100 Bayfield County, Wisconsin  On Barries  Aquatic Invasive Species Committee (then the Eurasian water-milfoil Committee) and the Eau Claire Lakes Area Property Owners Association to authorize an initial point- intercept survey to look for exotic plant species in the lakes. This survey did not find EWM, Curlyleaf pondweed (Potamogeton crispus) (CLP), or any other exotic species to be present in either Upper or Middle Eau Claire Lakes (Kudlas et al. pers. corrim.).  MIDDLE EAU CLAIRE LAKE AQUATIC PLANT MANAGEMENT (APM)  MIDMARY  Wisconsin  MICONTINUOUS Volunteer monitoring will measure the success of the BAISS Strategy. Manual removal will be	Bed Mapping Surve	ey				M. Berg		5/4/2016			
AQUATIC PLANT annual professional monitoring will MANAGEMENT (APM) measure the success of the BAISS SUMMARY strategy. Manual removal will be	(Potamogeton crisp Meandering Littora and Bed Mapping S Upper and Middle Lakes WBIC: 27427 2742100 Bayfield C Wisconsin	pus) al Zone Surveys Eau Clair 00 and County,	Eurasian spicatum into near Lakes pof Barno Aquatic (then the Committed Committed Committed Computer of the lake Curlylea pondwer or any compresent either Lake (Kud!as	n water-milfoil (Myriophyllum) (EWM) arby Tomahawk and Sand Erompted members of the Tes Invasive Species Committed the Eurasian water-milfoil ttee) and the ire Lakes Area Property Owtion to authorize an initial pot to look for exotic plant speces. This survey did not find the ed (Potamogeton crispus) other exotic species to be in Upper or Middle Eau Claire et al. pers. corrim.).	am  Bar  Fown  Bee  Iners  point-  cies in  EWM,  (CLP),  Lakes						
our objectives are not being met, alternative methods, including chemical control will be revisited.  Project Report  BAISS  1/1/2020	AQUATIC PLANT MANAGEMENT (AF SUMMARY		annual measure strategy encoura our obje alternat	professional monitoring wi e the success of the BAISS y. Manual removal will be aged. If monitoring indicat ectives are not being met, tive methods, including che	ll es		irnes				

В	u	d	a	et

Combined Budgets: Combined WSLH:

Combined Total: \$0.00

Funding					
Organization	Source	Туре	Amount	Start Date	End Date