

## Wisconsin Department of Natural Resources SWIMS Project Summary

**General Project Information**

**Project ID:** ACEI-102-12  
**Name:** BALSAM LAKE P & R DISTRICT: Balsam Lake Aquatic Invasive Species Control Project  
**Type:** Aquatic Invasives Grant  
**Subtype:** Aquatic Invasives Control  
**Status:** COMPLETE  
**Start Date:** 10/01/2011  
**End Date:** 12/31/2014  
**Purpose:** The Balsam Lake P & R District is sponsoring a project to implement approved activities from the Balsam Lake Aquatic Plant Management Plan. Approved activities include chemically treating curlyleaf pondweed in a limited number of high-density areas, pre/post treatment aquatic plant surveys and bed mapping, purple loosestrife and giant knotweed mapping and control; and EWM monitoring at boat landings. Deliverables include GIS maps of areas monitored; aquatic plant survey results (spreadsheets and narrative summary); and a management/treatment summary.

Special Condition: WDNR\2019s pre/post treatment monitoring guideline should be followed.

This scope summarizes the project detail provided in the application and does not negate tasks/deliverables described therein. 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 BALSAM LAKE P & R DISTRICT  
**Outcome:**  
**Study Design:**  
**QA Measures:**

**People**

Name	Role	Status	Start Date	End Date	Organization	Comments
Balsam Lake Protection & Re	GRANT_RECIP	ACTIVE	10/01/2011		Balsam Lake Protection & Rehabilitation District	

**Project Statuses**

Date	Reported By	Status	Comments
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**Actions**

Action	Detailed Description	Start	End Date	Status
Grant Awarded	Grant ACEI-102-12 awarded	10/01/2011	12/31/2014	COMPLETE
Aquatic Plant Management Project		10/01/2011	12/31/2014	PROPOSED

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Action	Detailed Description	Start	End Date	Status
APM Chemical Permit Request		10/01/2011	12/31/2014	PROPOSED
<b>Details:</b>	<b>Parameter</b>	<b>Value/Amount</b>	<b>Units</b>	<b>Comments</b>
	24D Granular, # Acres			
	24D Granular, # Pounds			
	24D Liquid, # Acres			
	24D Liquid, # Pounds			
	Aquashade, # Acres			
	Aquashade, # Pounds			
	Biological, # Pounds			
	Biologicals, # Acres			
	Copper Granular, # Acres			
	Copper Granular, # Pounds			
	Copper Liquid, # Acres			
	Copper Liquid, # Gallons			
	Cutrine +, # Acres			
	Cutrine +, # Gallons			
	Cutrine, # Acres			
	Cutrine, # Gallons			
	Diquat, # Acres			
	Diquat, # Pounds			
	Endothall Granular, # Acres			
	Endothall Granular, # Pounds			
	Endothall Liquid, # Acres			
	Endothall Liquid, # Pounds			
	Floridone Granular, # Acres			
	Floridone Granular, # Pounds			
	Floridone Liquid, # Acres			
	Floridone Liquid, # Pounds			
	Glyphosate, # Acres			
	Glyphosate, # Pounds			
	Herbicide Treatment and Water Use Restriction Signs Posted in Accordance with NR 107?			
	Nautique, # Acres			
	Nautique, # Gallons			
	Navigate, # Acres			
	Navigate, # Pounds			
	Onsite Supervision Present?			
	Reward, # Acres			
	Reward, # Gallons			
	Rodeo, # Acres			
	Rodeo, # Gallons			

**Monitoring Stations**

Station ID	Name	Comments
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**Assessment Units**

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WBIC	Segment	Local Name	Official Name
2620900	1	Harder Creek	Harder Creek

### 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
Clean Boat and Clean Waters (CBCW) 2014. [Volunteer and Compensation Hours; 2620600]	Volunteer and compensation hours.	Carl Holmgren	09/26/2014	
Curly-leaf Pondweed (Potamogeton crispus) Pre/Post Herbicide and Bed Mapping Surveys - Balsam Lake - WBIC: 2620600 - Polk County, Wisconsin	Curly-leaf Pondweed (Potamogeton crispus) Pre/Post Herbicide and Bed Mapping Surveys Balsam Lake - WBIC: 2620600 Polk County, Wisconsin	Matthew S. Berg, Research Biologist, Endangered Resource Services, LLC	02/15/2013	
Curly-leaf Pondweed (Potamogeton crispus) Pre/Post Herbicide and Bed Mapping Surveys 2013 [2620600]	Curly-leaf Pondweed Pre/Post Herbicide and Bed Mapping Surveys	Balsam Lake Protection and Rehabilitation District	01/28/2015	
Curly-leaf Pondweed (Potamogeton crispus) Pre/Post Herbicide and Bed Mapping Surveys 2014 [2620600]	Curly-leaf Pondweed Pre/Post Herbicide and Bed Mapping Surveys 2014	Balsam Lake Protection and Rehabilitation District	01/28/2015	
Dead Curly-Leaf Pondweed - East Balsam Lake 2012 [Photo]		Matthew S. Berg, Endangered Resource Services, LLC	12/31/2012	
Draft: Balsam, Polk County Endothall Concentration Monitoring Summary, 2013	On 3 June 2013, two areas totaling 13.4 acres were treated with a liquid formulation of endothall (Aquathol K) at a target concentration of 1500 ug/L (1.5 mg/L) active ingredient (ai) to control curly-leaf pondweed (Potamogeton crispus). Water samples were collected from each sample site using an integrated water sampler which collects water from most of the water column. Water samples were collected at intervals of approximately 1, 2, 4, 6, 8, 24 and 48 hours after treatment (HAT) at sample sites in treatment areas. Water samples were collected at intervals of approximately	John Skogerboe	11/11/2013	

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Title	Description	Author	Published	Comments
P12 and P66 Knotweed LAWRD Stands and Treatment Info 2011 [Balsam Lake, 2620600]	1, 3, 5, 7, 10, and 14 days after treatment (DAT) at sample sites in untreated areas. Samples were taken to shore after completion of each sample interval, and 3 drops of muriatic acid were added to each sample bottle to fix the endothall and prevent degradation. Samples were then stored in a refrigerator, until shipped to the US Army Engineer Research and Development Center (ERDC) laboratory in Gainesville, FL for analysis of endothall.	Eric Wojchik	01/28/2015	

**Budget**

Combined Budgets:  
 Combined SLOH:  
 Combined Total:

**Funding**

Organization	Source	Type	Amount	Start Date	End Date
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