

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: AEPP-388-13
Name: EAGLE RIVER CHAIN OF LAKES ASSOC: Eagle River Chain Lake Management Planning Project Phase 1
Type: Aquatic Invasives Grant
Subtype: Aquatic Invasives Education
Status: COMPLETE
Start Date: 04/01/2013
End Date: 12/31/2015
Purpose: Eagle River Chain of Lakes Association, Inc is sponsoring an AEPP grant to study Cranberry Lake and Catfish Lake, in Vilas County. The project will focus on developing a Lake Management Plan (LMP) for Cranberry Lake and Catfish Lake.

Project activities include: 1) Stakeholder participation \2013 stakeholder survey, planning meetings (up to 2), kick-off meeting, wrap-up meeting, brochure, news release(s), and newsletter article; 3) Water quality sampling and analysis; 4) Shoreline assessment; 5) Professional Dreissena monitoring; 6) Aquatic plant community and substrate mapping; 7) Data analysis; 8) Develop LMP.

Project deliverables include: 1) Stakeholder survey, brochure, news release(s), and newsletter article; 2) Water chemistry data; 3) Aquatic plant community and substrate maps and aquatic plant vouchers; 4) LMP.

Specific conditions for this project: 1) Draft of stakeholder survey needs to be submitted to Lakes Management Coordinator for review and approval before sending to public; 2) Draft of LMP needs Dept review and approval.

WDNR Lakes Management Coordinator will be provided with an electronic (pdf or word) copy of LMP, brochure, news release(s), newsletter article, stakeholder survey, data from water quality sampling, all maps from project, all GIS data, and aquatic plant vouchers.

Objective:
Comments: Grantee is EAGLE RIVER CHAIN OF LAKES ASSOC
Outcome:
Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Cibulka, Dan	TEAM_MEMBER	ACTIVE	12/19/2013		Onterra, LLC	
Eagle River Chain Lakes Ass	GRANT_RECII	ACTIVE	06/13/2013		Eagle River Chain Lakes Association	
Hanke, Todd	TEAM_MEMBER	ACTIVE	12/19/2013		Onterra, LLC	
Hoyman, Tim	TEAM_MEMBER	ACTIVE	12/13/2013		Onterra, LLC	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
Monitoring Ecosystem	shoreline assessment	04/01/2013	06/30/2015	PROPOSED
Map Invasive Species		04/01/2013	06/30/2015	PROPOSED
Social Survey of Residents or Users		04/01/2013	06/30/2015	PROPOSED
Monitor Invasive Species		04/01/2013	06/30/2015	PROPOSED
Develop/Distribute Newsletter		04/01/2013	06/30/2015	PROPOSED
Informational Meetings		04/01/2013	06/30/2015	PROPOSED
Information and Education		04/01/2013	06/30/2015	PROPOSED
Develop/Distribute Brochures/Literature		04/01/2013	06/30/2015	PROPOSED

Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start	End Date	Status
Monitor Water Quality or Sediment		04/01/2013	06/30/2015	PROPOSED
Issue News/Media Release		04/01/2013	06/30/2015	PROPOSED
Lake Management Plan Development		04/01/2013	06/30/2015	PROPOSED
Grant Awarded		04/01/2013	06/30/2015	COMPLETE

Monitoring Stations

Station ID	Name	Comments
643127	Catfish Lake - Deep Hole Site 1 West	
643177	Cranberry Lake - Deep Hole	

Assessment Units

WBIC	Segment	Local Name	Official Name
1603700	1	Catfish Lake	Catfish Lake
1603800	1	Cranberry Lake	Cranberry Lake

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
05/15/2013 16:00	COMPLETE	CATLB	643127	Catfish Lake - Deep Hole Site 1 West
05/15/2013 16:00	COMPLETE	CATLS	643127	Catfish Lake - Deep Hole Site 1 West
06/26/2013 12:50	COMPLETE	CRLB	643177	Cranberry Lake - Deep Hole
06/26/2013 12:50	COMPLETE	CRLS	643177	Cranberry Lake - Deep Hole
06/26/2013 13:30	COMPLETE	CATLB	643127	Catfish Lake - Deep Hole Site 1 West
06/26/2013 13:30	COMPLETE	CATLS	643127	Catfish Lake - Deep Hole Site 1 West
07/24/2013 11:45	COMPLETE	CRANBERRY	643177	Cranberry Lake - Deep Hole
07/24/2013 11:45	COMPLETE	CRLB	643177	Cranberry Lake - Deep Hole
07/24/2013 12:45	COMPLETE	CATLB	643127	Catfish Lake - Deep Hole Site 1 West
07/24/2013 12:45	COMPLETE	CATLS	643127	Catfish Lake - Deep Hole Site 1 West
08/22/2013 10:00	COMPLETE	CRLB	643177	Cranberry Lake - Deep Hole
08/22/2013 10:00	COMPLETE	CRLS	643177	Cranberry Lake - Deep Hole
08/22/2013 11:15	COMPLETE	CATLB	643127	Catfish Lake - Deep Hole Site 1 West
08/22/2013 11:15	COMPLETE	CATLS	643127	Catfish Lake - Deep Hole Site 1 West
10/09/2013 10:00	COMPLETE	CRLB	643177	Cranberry Lake - Deep Hole
10/09/2013 10:00	COMPLETE	CRLS	643177	Cranberry Lake - Deep Hole
10/09/2013 11:00	COMPLETE	CATLS	643127	Catfish Lake - Deep Hole Site 1 West
10/09/2013 11:05	COMPLETE	CATLB	643127	Catfish Lake - Deep Hole Site 1 West
02/19/2014 15:30	COMPLETE	CATLB	643127	Catfish Lake - Deep Hole Site 1 West
02/19/2014 15:30	COMPLETE	CATLS	643127	Catfish Lake - Deep Hole Site 1 West

Wisconsin Department of Natural Resources SWIMS Project Summary

Start Date	Status	Field ID	Station ID	Station Name
02/20/2014 10:40	COMPLETE	CRLB	643177	Cranberry Lake - Deep Hole
02/20/2014 10:40	COMPLETE	CRLS	643177	Cranberry Lake - Deep Hole

Documents

Title	Description	Author	Published	Comments
Eagle River Chain of Lakes Comprehensive Management Plan - Catfish Lake	Cranberry Lake is a shallow, lowland drainage lake with a maximum depth of 30 feet, a mean depth of 12 feet, and a surface area of approximately 977 acres. In 2012, 39 native species were located in the lake with 2 non-native plants: Eurasian water milfoil and purple loosestrife growing in the lake or along the shoreline.	Onterra LLC	01/16/2016	
Eagle River Chain of Lakes Comprehensive Management Plan - Cranberry Lake	Cranberry Lake is a shallow, lowland drainage lake with a maximum depth of 23 feet, a mean depth of 9 feet, and a surface area of approximately 929 acres. The lake is currently in a eutrophic state, and has a watershed that encompasses approximately 97,792 acres. In 2012, 52 native species were located in the lake with four non-native plants: Eurasian water milfoil, purple loosestrife, pale-yellow iris, and yellow garden loosestrife growing in the lake or along the shoreline.	Onterra LLC	01/16/2016	
Eagle River Chain of Lakes Comprehensive Management Plan - Eagle Lake	Cranberry Lake is a shallow, lowland drainage lake with a maximum depth of 34 feet, a mean depth of 16 feet, and a surface area of approximately 575 acres. In 2012, 29 native species were located in the lake with 1 non-native plant, Eurasian water milfoil growing in the lake.	Onterra LLC	01/16/2016	
Eagle River Chain of Lakes Comprehensive Management Plan - Scattering Rice Lake	Cranberry Lake is a shallow, lowland drainage lake with a maximum depth of 17 feet, a mean depth of 8 feet, and a surface area of approximately 263 acres. 22 native species were located in the lake with 1 non-native plant, Eurasian water milfoil, growing in the lake.	Onterra LLC	01/16/2016	
Eagle River Chain of Lakes Comprehensive Management Plan - Voyageur Lake	Cranberry Lake is a shallow, lowland drainage lake with a maximum depth of 13 feet, a mean depth of 6.5 feet, and a surface area of approximately 143 acres. In 2012, 22 native species were located in the lake with 2 non-native plants: Eurasian water milfoil and purple loosestrife growing in the lake or along the shoreline.	Onterra LLC	01/16/2016	
Eagle River Chain of Lakes Comprehensive Management Plan [Draft]	The Lower Eagle River Chain of Lakes is comprised of ten lake basins located within the Wisconsin River Drainage Basin in Vilas and Oneida Counties, Wisconsin. The Lower Eagle River Chain of Lakes is comprised of Cranberry Lake, Catfish Lake, Voyageur Lake, Eagle Lake, Scattering	Brenton Butterfield, Tim Hoyman, Eddie Heath	08/01/2016	

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Title	Description	Author	Published	Comments
	Rice Lake, Otter Lake, Lynx Lake, Duck Lake, Yellow Birch Lake, and Watersmeet. Due to the size of the chain and the time needed for studies, the plans were proposed to be completed in blocks (phases) of two to three lakes per year, starting at the upstream-most end of the chain and working downstream.			

Budget

Combined Budgets:
Combined SLOH:
Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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