

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: AEPP-456-15
Name: NORTH LAKELAND DISCOVERY CENTER: Town of Winchester Lake Management Planning Project Ph1, Hiawatha & Ha
Type: Aquatic Invasives Grant
Subtype: Aquatic Invasives Education
Status: COMPLETE
Start Date: 02/15/2015
End Date: 12/31/2017
Purpose: North Lakeland Discovery Center is sponsoring an AEPP grant to study Harris Lake and Hiawatha Lakes in Vilas County. The project will focus on developing a Lake Management Plan (LMP) for Harris and Hiawatha Lakes and conducting AIS education and monitoring.

Project activities include: 1) Stakeholder participation \2013 stakeholder survey, planning meetings (up to 2), kick-off meeting, wrap-up meeting, news release(s), and newsletter article; 2) Water quality sampling and analysis; 3) Watershed assessment and P load modeling; 4) Fisheries assessment; 5) Shoreline and coarse woody habitat assessment; 6) Early-season AIS monitoring and professional Dreissena monitoring; 7) Aquatic plant surveys (PI survey, acoustic, community mapping, substrate mapping); 8) Volunteer AIS and lake level monitoring and watercraft inspections; 9) Data analysis; 10) Develop LMP; 11) Hire AIS Coordinator and Water Education Intern; 12) AIS educational activities.

Project deliverables include: 1) Stakeholder survey, news release(s), and newsletter article; 2) Water chemistry data; 3) Watershed maps and modeling data; 4) PI, shoreland, and coarse woody habitat data; 5) Aquatic plant community and substrate maps; 6) LMP; 7) Hired staff; 8) AIS educational products and events.

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, news release(s), newsletter article, any AIS educational products, stakeholder survey, and all data and maps from the project.

Objective:
Comments: Grantee is NORTH LAKELAND DISCOVERY CENTER
Outcome:
Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Gauthier, Kevin J	COORDINATOR	ACTIVE	02/02/2015		Wisconsin DNR	
Hanke, Todd	TEAM_MEMBER	ACTIVE	02/15/2015		Onterra, LLC	
Heald, Emily	COORDINATOR	ACTIVE	03/22/2017		North Lakeland Discovery Center	
North Lakeland Discovery Ce	GRANT_RECII	ACTIVE	02/15/2015		North Lakeland Discovery Center	
Oberleitner, Brandon	TEAM_MEMBER	ACTIVE	05/03/2017		North Lakeland Discovery Center	
Platt, Heather	TEAM_MEMBER	ACTIVE	05/03/2017		North Lakeland Discovery Center	
Tesensky, John	TEAM_MEMBER	ACTIVE	05/03/2017		North Lakeland Discovery Center	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
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Action	Detailed Description	Start	End Date	Status
Grant Awarded	Grant AEPP-456-15 awarded	02/15/2015	12/31/2017	COMPLETE
Shoreland Monitoring, Assessment, Inventory	Shoreland Monitoring, Assessment or Inventory	02/15/2015	12/31/2017	PROPOSED

Monitoring Stations

Station ID	Name	Comments
493144	Big Blake Lake - Deep Hole/Main Basin	
10006543	Harris Lake	
643512	Harris Lake - Center- Main Body Of Lake	
10019739	Harris Lake -- Access at East End Of Lake	
10006405	Hiawatha Lake	
643488	Hiawatha Lake - Deep Hole	

Assessment Units

WBIC	Segment	Local Name	Official Name
2328400	1	Hiawatha Lake T43n R05e S23	Hiawatha Lake
2627000	1	Big Blake Lake (Blake)	Big Blake Lake
2958500	1	Harris Lake	Harris Lake

Lab Account Codes

Account Code	Description	Start Date	End Date
AS012	AQUATIC INVASIVE SPECIES (PLAN	03/26/2014	06/30/2015
AS013	AQUATIC INVASIVE SPECIES (PLAN	07/01/2015	06/30/2016

Forms

Form Code	Form Name
AIS_PRES_ABS_0903	Aquatic Invasives Presence/Absence Report (R 03/09)
SECCHI_TEMPDO	Lake Monitoring - Secchi, Temperature and D.O.
WATER_LEV2016	Water Level Monitoring Data Sheet
WATERCRAFT_2014	Watercraft Inspection Report (Revised 4/2014)

Methods

Method Code	Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
04/28/2015 13:06	COMPLETE	HILB	643488	Hiawatha Lake - Deep Hole
04/28/2015 13:06	COMPLETE	HILS	643488	Hiawatha Lake - Deep Hole
04/28/2015 13:50	COMPLETE	HALB	643512	Harris Lake - Center- Main Body Of Lake
04/28/2015 14:50	COMPLETE	HALS	643512	Harris Lake - Center- Main Body Of Lake
06/21/2015 13:30	COMPLETE	HALS	643512	Harris Lake - Center- Main Body Of Lake
06/28/2015 12:00	COMPLETE	HILS	643488	Hiawatha Lake - Deep Hole
07/14/2015 14:15	COMPLETE	HILS	643488	Hiawatha Lake - Deep Hole
07/14/2015 14:25	COMPLETE	HILB	643488	Hiawatha Lake - Deep Hole
07/15/2015 11:20	COMPLETE	HALB	643512	Harris Lake - Center- Main Body Of Lake
07/15/2015 11:20	COMPLETE	HALS	643512	Harris Lake - Center- Main Body Of Lake
07/20/2015 15:20	COMPLETE	BBL-SUR-JY	493144	Big Blake Lake - Deep Hole/Main Basin

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Start Date	Status	Field ID	Station ID	Station Name
08/04/2015	COMPLETE		643512	Harris Lake - Center- Main Body Of Lake
08/12/2015	COMPLETE		643488	Hiawatha Lake - Deep Hole
08/17/2015 14:55	COMPLETE	BBL-BOT-AG	493144	Big Blake Lake - Deep Hole/Main Basin
08/29/2015 12:00	COMPLETE	HALS	643512	Harris Lake - Center- Main Body Of Lake
08/31/2015 10:30	COMPLETE	HILS	643488	Hiawatha Lake - Deep Hole
10/20/2015 12:00	COMPLETE	HILB	643488	Hiawatha Lake - Deep Hole
10/20/2015 12:00	COMPLETE	HILS	643488	Hiawatha Lake - Deep Hole
10/20/2015 15:00	COMPLETE	HALB	643512	Harris Lake - Center- Main Body Of Lake
10/20/2015 15:00	COMPLETE	HALS	643512	Harris Lake - Center- Main Body Of Lake
02/22/2016 11:30	COMPLETE	HILB	643488	Hiawatha Lake - Deep Hole
02/22/2016 11:30	COMPLETE	HILS	643488	Hiawatha Lake - Deep Hole
02/22/2016 13:00	COMPLETE	HALB	643512	Harris Lake - Center- Main Body Of Lake
02/22/2016 13:00	COMPLETE	HALS	643512	Harris Lake - Center- Main Body Of Lake

Documents

Title	Description	Author	Published	Comments
Town of Winchester Lakes - Vilas County, Wisconsin - Comprehensive Management Plan: Phase II	Town of Winchester Lakes Comprehensive Management Plan not including reports for each separate lake.	Brenton Butterfield, Tim Hoyman, Eddie Heath, & Todd Hanke, LLC	04/01/2018	
Town of Winchester Lakes - Vilas County, Wisconsin - Comprehensive Management Plan: Phase II [Appendices]	Appendices for the Town of Winchester Lakes Comprehensive Management Plan including presentations, stakeholder survey results, water quality data, modeling data, and PI survey data.	Brenton Butterfield, Tim Hoyman, Eddie Heath, & Todd Hanke - Onterra, LLC	04/01/2018	
Town of Winchester Lakes Comprehensive Management Plan: Harris Lake	This is part of the comprehensive management plan for the Town of Winchester involving Harris Lake.	Onterra, LLC		
Town of Winchester Lakes Comprehensive Management Plan: Hiawatha Lake	This is part of the comprehensive management plan for the Town of Winchester involving Hiawatha Lake.	Onterra, LLC.		

Budget

Combined Budgets:
Combined SLOH:
Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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