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Section I: Application Type

Check one:

- Education, Prevention & Planning Early Detection & Response Established Infestation Control

Legislative District Numbers		To determine your legislative district, go to http://165.189.139.210/WAML/ Type in complete address, next screen shows information.
Senate	Assembly	
23	67	

Section II: Applicant Information

Applicant Lake Hallie Lake Association			Type of Eligible Applicants		
Waterbody Name Lake Hallie			<input type="checkbox"/> County	<input type="checkbox"/> Tribe	<input type="checkbox"/> Other Gov't Unit
Project County/Township/Section/Range Chippewa T28N Sec 26/27 R9W			<input type="checkbox"/> City	<input type="checkbox"/> Sanitary Dist.	<input type="checkbox"/> Nonprofit Org.
Authorized Representative Named by Resolution George Wanserski			<input type="checkbox"/> Village	<input type="checkbox"/> Dist.	<input type="checkbox"/> College, School, etc.
Authorized Representative Title Vice President			<input checked="" type="checkbox"/> Town	<input type="checkbox"/> Assoc.	<input type="checkbox"/> Federal
Project Contact Name James Bakken			<input type="checkbox"/> State		
Project Contact Title President			<input type="checkbox"/> Other		
Address 2511 113th St			Address 3266 115th St		
City Chippewa Falls	State WI	ZIP Code 54729	City Chippewa Falls	State WI	ZIP Code 54729
Daytime Phone (area code) (715) 726-8806	Evening Phone (area code)		Daytime Phone (area code) (715) 831-7681	Evening Phone (area code) (715) 723-0300	
E-mail Address			E-Mail Address bakkenj@ayresassociates.com		

Mail Check to: (if different from applicant)

Name and Title		Address		
Organization		City	State	ZIP Code

For DNR Use Only

Application Type	Date Received 8/1/13	Date Reviewed (AIS/LC/RC)	AIS/Lake /River Coordinator Approval /Date
Waterbody ID#	Adequate Public Access <input type="checkbox"/> Yes <input type="checkbox"/> No	Environmental Grants Specialist Approval / Date	
Eligible Project <input type="checkbox"/> Yes <input type="checkbox"/> No	Eligible Applicant <input type="checkbox"/> Yes <input type="checkbox"/> No	Project Priority Rank	Research / Demo Project <input type="checkbox"/> Yes <input type="checkbox"/> No
Prior Grant Award(s) <input type="checkbox"/> Yes <input type="checkbox"/> No	Fiscal Year(s)	Amount Received To Date \$	Project Awarded <input type="checkbox"/> Yes <input type="checkbox"/> No

Aquatic Invasive Species (AIS) Control Grant Application

Form 8700-307 (12/11)

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Section III: Project Information

Project Title Lake Management Plan Update	Proposed Ending Date 12/31/14
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Other Management Units	Letter of Support	Other Management Units	Letter of Support
1. Village of Lake Hallie	<input checked="" type="checkbox"/>	4.	<input type="checkbox"/>
2. Chippewa County	<input checked="" type="checkbox"/>	5.	<input type="checkbox"/>
3.	<input type="checkbox"/>	6.	<input type="checkbox"/>

Section IV: Public Access

Number of Public Vehicle Trailer Parking Spaces Available at Public Access Sites: 30

Number of Public Access Sites Including Boat Launches and Walk-ins: 2

Section V: Cost Estimate and Grant Request

Section V must be completed or application will be returned. Details in support of Section V are welcome.	Project Costs		
	Column 1 Cash Costs	Column 2 Donated Value	DNR Use Only
1. Salaries, wages and employee benefits		4,500.00	
2. Consulting services	13,500.00		
3. Purchased services--printing and mailing			
4. Other purchased services (specify):			
5. Plant material			
6. Supplies (specify)			
7. Depreciation on equipment			
8. Hourly equipment use charges			
9. State Lab of Hygiene (SLOH) Costs			
10. Non-SLOH Lab Costs			
11. Other (specify)			
12. Subtotals (sum each column)	13,500.00	4,500.00	
13. Total Project Cost Estimate (sum of column 1 plus sum of column 2)	18,000.00		
14. State Share Requested (up to 75% of total costs may be requested)	13,500.00		

Subject to the following maximum grant amounts:

- Education, Prevention and Planning Projects--up to \$150,000
- Early Detection and Response Projects--up to \$20,000
- Established Infestation Control Projects--up to \$200,000

Use of Federal funding as match: (check box below if applicable)

We are using or planning to apply for Federal funds to be used as match.

If known, indicate source of funding:

Aquatic Invasive Species (AIS) Control Grant Application

Form 8700-307 (12/11)

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Section VI: Attachments (check all that are included)

A. For all applicants: (Refer to instructions for applicability.)

- 1. Authorizing resolution
- 2. Letters of support
- 3. Map of project location and boundaries
- 4. Lake map or river segment with public access sites identified (per Section IV of this application and page 20 of the guidelines)
- 5. Itemized breakdown of expenses
- 6. For projects that entail sending samples to the State Laboratory of Hygiene (SLOH) only: a completed SLOH Projected Cost Form
- 7. Project scope/description:
 - a. Description of project area
 - b. Description of problem to be addressed by project
 - c. Discussion of project goals and objectives
 - d. Description of methods and activities
 - e. Description of project products or deliverables
 - f. Description of data to be collected, if applicable
 - g. Description of existing and proposed partnerships
 - h. Discussion of role of project in planning and/or management of lake
 - i. Timetable for implementation of key activities
 - j. Plan for sharing project results
 - k. Other information in support of project not described above

B. For applicants that are Lake Management Organizations (LMOs), River Management Organizations (RMOs) or Qualified Non-profit Organizations:

- 1. For first time applicant LMOs/RMOs only: A completed Form 8700-226 (Lake Association Organizational Application) or 8700-287 (River Management Organization Application)
- 2. For first time applicant Qualified Nonprofit Organizations only: Copy of IRS 501(c)(3) determination letter and copies of your Articles of Incorporation and Bylaws
- 3. List of national and/or statewide organizations with which you are affiliated
- 4. List of board members' names, including municipality and county of residence. Designate officers
- 5. Documentation of current financial status
- 6. Brochures, newsletters, annual reports or other information about your organization

C. Education, Prevention and Planning Projects: (No additional attachments required.)

D. Early Detection and Response Projects:

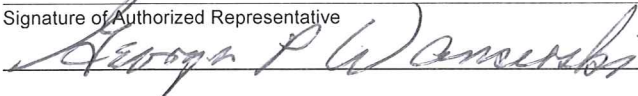
- 1. APM Permit application

E. Established Infestation Control Projects:

- 1. Management Plan
- 2. APM Permit application

Section VII: Certification

I certify that information in this application and all its attachments are true and correct and in conformity with applicable Wis. Statutes.

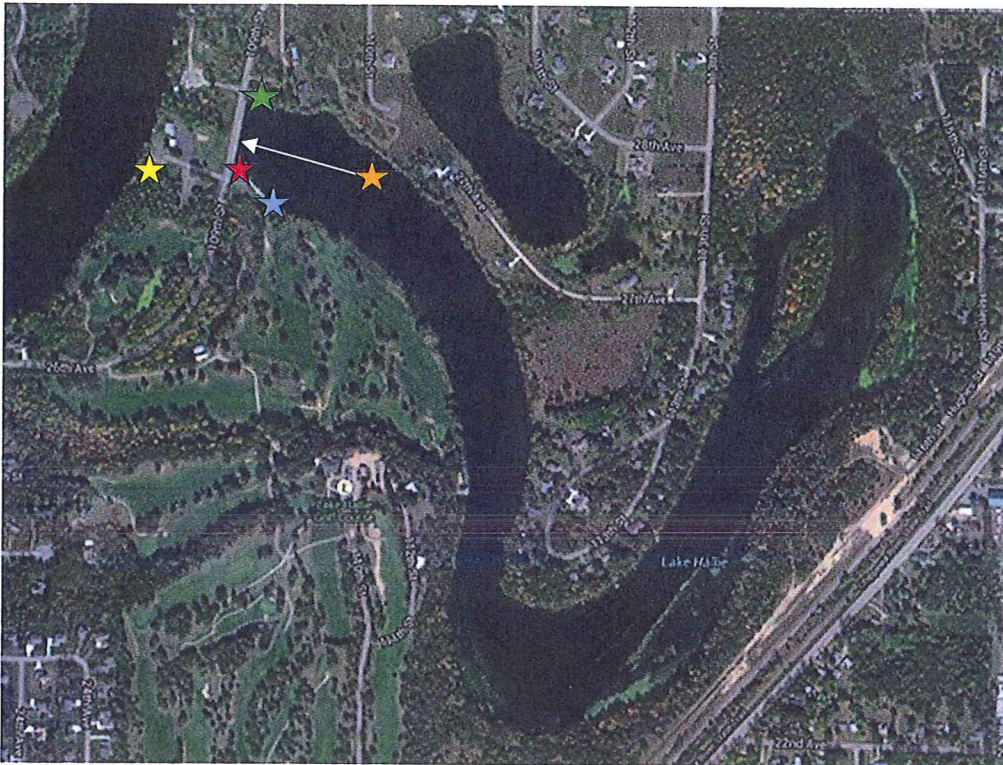
Print/Type Name of Authorized Representative George Wanserski	Title of Authorized Representative Vice President
Signature of Authorized Representative 	Date Signed 31 July 13

A.5- continued. Itemized breakdown of expenses

Budget Detail for AIS Control Grant

Budget Detail	Item Cost	Cash Costs	Donated Value
Consulting Services		\$13,500	
<i>Lake Management Plan Update, including: Analysis, Coordination, Data Mining, Recommendations, Writing, Production & Distribution</i>			
<i>Plan components</i>	\$8,000.00		
<i>Information & planning meetings</i>	\$2,000.00		
<i>PI survey data analysis & report writing</i>	\$1,500.00		
<i>Travel</i>	\$200.00		
<i>Meeting expenses</i>	\$200.00		
<i>Printing & Delivery of Plan</i>	\$400.00		
<i>Administrative Overhead</i>	\$1,200.00		
<hr/>			
<i>Sociological survey(creating, distributing, data analysis, and report), public access verification, CBCW volunteer hours (summer/winter), CBCW training, professional volunteer time for correcting floodplain designation, shoreline buffer and habitat outreach to homeowners</i>	\$4,500.00		\$4,500
<hr/>			
Subtotals		\$13,500	\$4,500
<hr/>			
State Share (75%)		\$13,500	
LHLA Share (25%)		\$4,500	

A.4 Lake map with public access sites identified



The Clark Hughes Boat Landing, equipped with a dock, cement launch and pit toilet, and is the only boat launch on the lake. There is a winter access walk-in site north of the landing. The landing is located on the northwest side of the lake, just south of the intersection of 109th Street and 30th Avenue. The boat landing is owned by the Village of Lake Hallie. There is a \$3.00 fee for the use of the landing and parking lot owned by the village, which has 18 vehicle/trailer, or 36 vehicle parking stalls that are located on the other side of 109th Street. Just to the south of the boat landing there are two handicapped parking stalls. Along public road 109th Street a metal railing divides the road and a paved sidewalk. The sidewalk extends to the water's edge and the public does actively fish from here. The sidewalk extends past the boat landing to the south and leads to a handicapped fishing pier. Located to the west of the parking lot for the Clark Hughes Boat Landing is the Sportsman's Club no-fee parking lot with 15 vehicle trailer parking stalls. During the winter months there is a public access point located at the very most northwest point of the lake.

Map Key	Name	Estimated Parking
★	Clark Hughes Boat Landing	18 VT
★	Public road 109 th Street sidewalk area	0
★	Handicap Accessible Fishing Pier	2 handicapped
★	Sportsman's Club Parking	15 VT
★	Winter access	0

Members of the Lake Hallie Lake Association (LHLA) will survey the shoreline of Lake Hallie to determine if there are any other public access points aside from the ones listed above. Additional access points will accompany the lake management plan and be reported to Wisconsin Department of Natural Resources (WDNR).

A.6 State Lab of Hygiene Projected Cost Form

This is not applicable for this project.

A.7 Project Scope/Description

a. DESCRIPTION OF PROJECT AREA

Lake Hallie is a spring-fed impoundment located between Chippewa Falls and Eau Claire. The 80-acre lake has a maximum depth of 12 feet. There are several single-family homes surrounding the lake and 207 parcels within the watershed. The Hallie Golf course abuts the lake on the southwest shoreline. Two spillways at the dam control the level of the lake. The entire lake is a "No Wake" lake in accordance with Wisconsin state statute 30.66(3)A. The lake is considered to be a bass-panfish lake, with recent increases in the northern pike population.

The Lake Hallie Lake Association was formed in 1998 as a spin-off of the Lake Hallie Dam Restoration Committee, after the dam had been reconstructed. Since that time, the Association has been active and has completed or begun several significant lake protection activities, including the acquisition of land surrounding the springs feeding the lake, acquisition and operation of a plant harvester, installation of temporary aeration equipment during the winter of 2000-2001, completion of an aquatic plant survey and a fish survey in conjunction with WDNR, completion of a Lake Management Plan (LMP) in 2003, and the installation of a permanent aeration system in 2007. The lake is in the WDNR's Long Term Trends monitoring program and a volunteer from the lake participates in the Citizen Lake Monitoring Network program as well.

b. DESCRIPTION OF PROBLEM TO BE ADDRESSED BY PROJECT

The increase in human population around Lake Hallie and its utilization as a recreational resource has raised concern on the health of the system. The continued development of private shoreline and the extensive use of the water have serious potential to degrade the shoreline habitat, increase invasive species introduction, decrease water quality and deplete the aquatic life of Lake Hallie.

A hybrid of Eurasian water milfoil (*Myriophyllum spicatum x sibiricum*) (EWM) was discovered in Lake Hallie in 2005. The EWM has proven to be a nuisance for the residents and lake users of Hallie with its dense growth in over half of the lake and its persistent presence in the other half. Since the discovery of EWM in the lake, the Association has worked in cooperation with Beaver Creek Reserve to monitor the landing via the Clean Boats Clean Waters program.

A LMP was written for Lake Hallie in 2003. Over the past ten years there have been changes in the lake, changes in the surrounding community, and changes in the goals of the Lake Association. In order to move forward with the implementation of any management strategies, the LMP (a compendium of studies, investigations and testing results of the lake over the years) needs to be updated to include a detailed aquatic plant management plan section. In the process of doing so, it seems wise to revisit the plan as a whole and look towards the future with additional activities that could improve the lake.

c. DESCRIPTION OF GOALS AND OBJECTIVES

Goal Statement

Lake Hallie Lake Association will develop a lake management plan that will implement a strategy focusing on managing the lake's plant community, especially invasive species, in-lake habitat, water quality in the watershed, as well as a continuing program of education to increase awareness of

lake issues and recommended actions to improve Lake Hallie. Additionally, a sociological survey will be repeated.

Objectives:

- (1) Update and implement a comprehensive Lake Management Plan with emphasis on control of aquatic invasive species
- (2) Audit the past plan's actions
- (3) Conduct continuing education program for members and lake users
- (4) Repeat past sociological survey (one was completed in 2003) to see how lake users' views of the lake and usage have changed over time

d. DESCRIPTION OF METHODS AND ACTIVITIES

The following list is a summary of activities the Lake Hallie Lake Association plans to complete under this Lake Management Planning Grant.

1. Collect and incorporate into the existing Lake Management Plan, studies, investigations, and reports on topics including:
Aquatic plant data, water chemistry test results, fish studies, recreational use, and other data that may have been collected by the WDNR, LHLA, Beaver Creek Reserve, Chippewa School District or other parties.
2. Review the Hallie Water Quality Management Plan and the Duncan Creek Priority Watershed Plan and incorporate recommended activities that are related to the Lake Hallie Watershed.
3. Update the aquatic plant management portion of the LMP to satisfy requirements of the plant-harvesting permit. This section will contain recommendations for future activities and studies to protect and improve the lake. Management options, including a discussion of the management activities and estimated costs, to be evaluated under this grant could include but are not limited to:
 - a. Continue harvesting with no lake chemical treatment
 - b. Introduce weevils to reduce the milfoil population
 - c. Pull weeds by hand in shallow water areas
 - d. Control milfoil via fluctuating water levels; approx. 6 month drawdown of five feet to compress sediments and kill milfoil
 - e. Total lake treatment with 2,4-D or other recommended chemical
4. With help from Chippewa County Land and Water Conservation Department, perform some educational activities on phosphorus use, i.e., lawn fertilizer, lake frontage care and lakeshore restoration.
5. The 2003 report was assembled in loose-leaf form so that it could be a "living" document but currently it fills a 3" binder. A more concise document will be created for greater ease of use by the lake association.
6. In conjunction with Chippewa County zoning, define the current watershed boundaries, inventory potential threats to the lake, and rectify the erroneous flood plain mapping surrounding Lake Hallie.

7. A sociological survey was conducted in 2003 with the parcel owners within the Lake Hallie watershed. LHLA will conduct another survey to assess changes in sentiments and see if other issues should be addressed in the future.

e. DESCRIPTION OF PROJECT PRODUCTS OR DELIVERABLES

The key product will be the updated LMP summarizing past activities, investigations related to the lake, actions taken to date, and future goals. All current components of the LMP will have revised recommendations and, additionally, a new section focused on aquatic plant management will address the management options for controlling aquatic invasive species.

The completed Lake Hallie LMP will be in both paper form and as an electronic file.

f. DESCRIPTION OF DATA TO BE COLLECTED

The following data will be collected through the course of this project:

- (1) Data analysis of full PI survey conducted during summer of 2013 (survey conducted by Beaver Creek Reserve completed prior to grant as a requirement to update LMP (survey not eligible for grant reimbursement))
- (2) Any additional locations of boat landings, carry in access and public access
- (3) Results of sociological survey

g. DESCRIPTION OF EXISTING AND PROPOSED PARTNERSHIPS

Numerous partners have supported LHLA in their efforts to improve Lake Hallie and are committed to continue partnership with the group through this proposed project. The LHLA has received support and cooperation from the Village of Hallie, including assistance in launching and retrieving the plant harvester, as well as collection of launch fees for the boat landing and parking area. The Hallie Golf Course assists in hauling harvested weeds to their compost pile. Beaver Creek Reserve will continue to provide Clean Boats Clean Waters volunteers and provide trainings. The Lake Association will participate in the LMP planning process by forming a planning committee to attend the LMP meetings, provide input and review the document before submission. Both Beaver Creek Reserve and the West Central WDNR Regional office have also partnered with LHLA to assist them in defining the problems on Lake Hallie and developing response efforts to invasive species, lake issues and will continue to work with LHLA for this project. LHLA hopes to work with Chippewa County to provide homeowners with shoreline education opportunities and flood plain mapping issues.

To satisfy the match component of the grant the Lake Association would like to contribute volunteer hours and/or monetary match. Volunteer hours will be focused on the sociological survey by creating the survey, mailing or handing out the surveys, compiling data, and creating a final report. Other opportunities could include educational brochure making and homeowner education on shoreline buffers and shoreline habitat, confirming any additional public access points and ice fishermen outreach through the CBCW program. Ayers Associates will donate staff time to rectify the erroneous flood plain mapping surrounding Lake Hallie.

h. DISCUSSION OF ROLE OF PROJECT IN PLANNING &/OR MANAGEMENT OF LAKE

The Lake Hallie Lake Management Plan will be a key tool to complement previous efforts and guide the future efforts to inventory, monitor and manage the resources of Lake Hallie. This lake management plan will be a living document that will provide the guidance to makes a sustained effort possible.

i. TIMETABLE FOR IMPLEMENTATION OF KEY ACTIVITIES

The project is scheduled to begin from the date funding is received (estimated time is October 2013) through January of 2014.

August 2013 – Full PI survey conducted by Beaver Creek Reserve

October 1, 2013 – grant awarded

October 1, 2013 - Assemble Lake Management Plan committee and have initial planning meeting

October, November, December, 2013 – have at least one meeting per month on specific LMP topics

Early January, 2014 – Draft of LMP

End of January, 2014 – final draft of LMP for approval by WDNR to be eligible for spring 2014 grant cycle.

j. PLAN FOR SHARING PROJECT RESULTS

A formal printed document of the Lake Hallie Lake Management Plan will be distributed to the West Central DNR Regional office, Chippewa County, Town of Hallie, the Lake Halle Lake Association and Beaver Creek Reserve. A total of 25 copies will be distributed. A presentation of the report will be made to the Lake Association at the annual meeting and the Township at a regularly scheduled town meeting. In addition, LHLA members will actively seek opportunities to present this plan to civic organizations, other conservation organizations and municipal committees.

**AIS Control Grant - AEPP
Lake Hallie Lake Association Resolution**

Resolution # 2013-02

RESOLUTION OF Lake Hallie Lake Association

WHEREAS Lake Hallie is an important resource used by the public for recreation and enjoyment of natural beauty; and

WHEREAS a study and examination of the lake will lead to better understanding of the condition of the lake and how we can better manage the lake, and will promote the public health, comfort, convenience, necessity and public welfare; and

WHEREAS we recognize the need for responsible and holistic long-range planning to better manage the lake, its watershed, and its use; and

WHEREAS we recognize the need to provide information or education on the use of lakes or natural lake ecosystems, on the quality of water in lakes, or on the quality of natural lake ecosystems.

WHEREAS we are qualified to carry out the responsibilities of the planning project IT IS, THEREFORE, RESOLVED THAT: The Lake Hallie Lake Association requests funds and assistance available from the Wisconsin Department of Natural Resources under the AIS Control Grant Program: and

HEREBY AUTHORIZES George Wanserski to act on behalf of Lake Hallie Lake Association to: submit an application to the State of Wisconsin for financial aid for lake planning purposes; sign documents; and take necessary action to undertake, direct, and complete an approved planning grant.

BE IT RESOLVED THAT the Lake Hallie Lake Association will meet the obligations of the planning project including timely publication of the results and meet the financial obligations under this grant including our 25% commitment to planning project costs through in-kind volunteer labor.

Adopted this day 18th of July, 2013

By a vote of: 7 in favor 0 against 0 abstain

BY:  Secretary, Lake Hallie Lake Association