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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 <a href="http://165.189.139.210/WAML/">http://165.189.139.210/WAML/</a> Type in complete address, next screen shows information.
Senate	Assembly	

**Section II: Applicant Information**

Applicant Lincoln County LICD			Type of Eligible Applicants		
Waterbody Name Lakes in Lincoln, Langlade and Forest Counties			<input checked="" type="checkbox"/> County	<input type="checkbox"/> Tribe	<input type="checkbox"/> Other Gov't Unit
Project County/Township/Section/Range Lincoln, Langlade and Forest Counties			<input type="checkbox"/> City	<input type="checkbox"/> Sanitary Dist.	<input type="checkbox"/> Nonprofit Org.
			<input type="checkbox"/> Village	<input type="checkbox"/> Dist.	<input type="checkbox"/> College, School, etc.
			<input type="checkbox"/> Town	<input type="checkbox"/> Assoc.	<input type="checkbox"/> Federal
			<input type="checkbox"/> State		
			<input type="checkbox"/> Other		
Authorized Representative Named by Resolution Diane Hanson			Project Contact Name Diane Hanson		
Authorized Representative Title Land Services Administrator			Project Contact Title Land Services Administrator		
Address 801 N. Sales Street, Suite 105			Address 801 N. Sales Street, Suite 105		
City Merrill	State WI	ZIP Code 54452	City Merrill	State WI	ZIP Code 54452
Daytime Phone (area code) (715) 539-1049		Evening Phone (area code)		Daytime Phone (area code) (715) 539-1049	
				Evening Phone (area code)	
E-mail Address dhanson@co.lincoln.wi.us			E-Mail Address dhanson@co.lincoln.wi.us		

**Mail Check to:** (if different from applicant)

Name and Title Same as above		Address			
Organization		City	State	ZIP Code	

**For DNR Use Only**

Application Type	Date Received	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)

**Section III: Project Information**

Project Title Tri County Approach to AIS Management (Phase 2-continued)	Proposed Ending Date 12/31/15
----------------------------------------------------------------------------	----------------------------------

Other Management Units	Letter of Support	Other Management Units	Letter of Support
1. Mariann Powell, Clear Lake, Lincoln County	<input checked="" type="checkbox"/>	4. Lincoln County Lakes and Rivers Association	<input checked="" type="checkbox"/>
2. Langlade County LCD	<input checked="" type="checkbox"/>	5. Lake Mohawksin Association	<input checked="" type="checkbox"/>
3. Langlade County Land Records and Regulations	<input checked="" type="checkbox"/>	6. See additional letters of support attached	<input checked="" type="checkbox"/>

**Section IV: Public Access**

Number of Public Vehicle Trailer Parking Spaces Available at Public Access Sites: *Unknown estimate 300*

Number of Public Access Sites Including Boat Launches and Walk-ins: *300 +*

**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	96,077.66		
2. Consulting services			
3. Purchased services--printing and mailing			
4. Other purchased services (specify):	3,075.00		
5. Plant material			
6. Supplies (specify)	3,910.00		
7. Depreciation on equipment			
8. Hourly equipment use charges			
9. State Lab of Hygiene (SLOH) Costs			
10. Non-SLOH Lab Costs			
11. Other (specify) <i>Volunteer hours, admin costs, office supplies</i>		67,491.28	
12. Subtotals (sum each column)	103,062.66	67,491.28	
13. Total Project Cost Estimate (sum of column 1 plus sum of column 2)	170,553.94		
14. State Share Requested (up to 75% of total costs may be requested)	<i>103,062.66</i>		

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

*See attached financial summary for further details.*

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:

**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

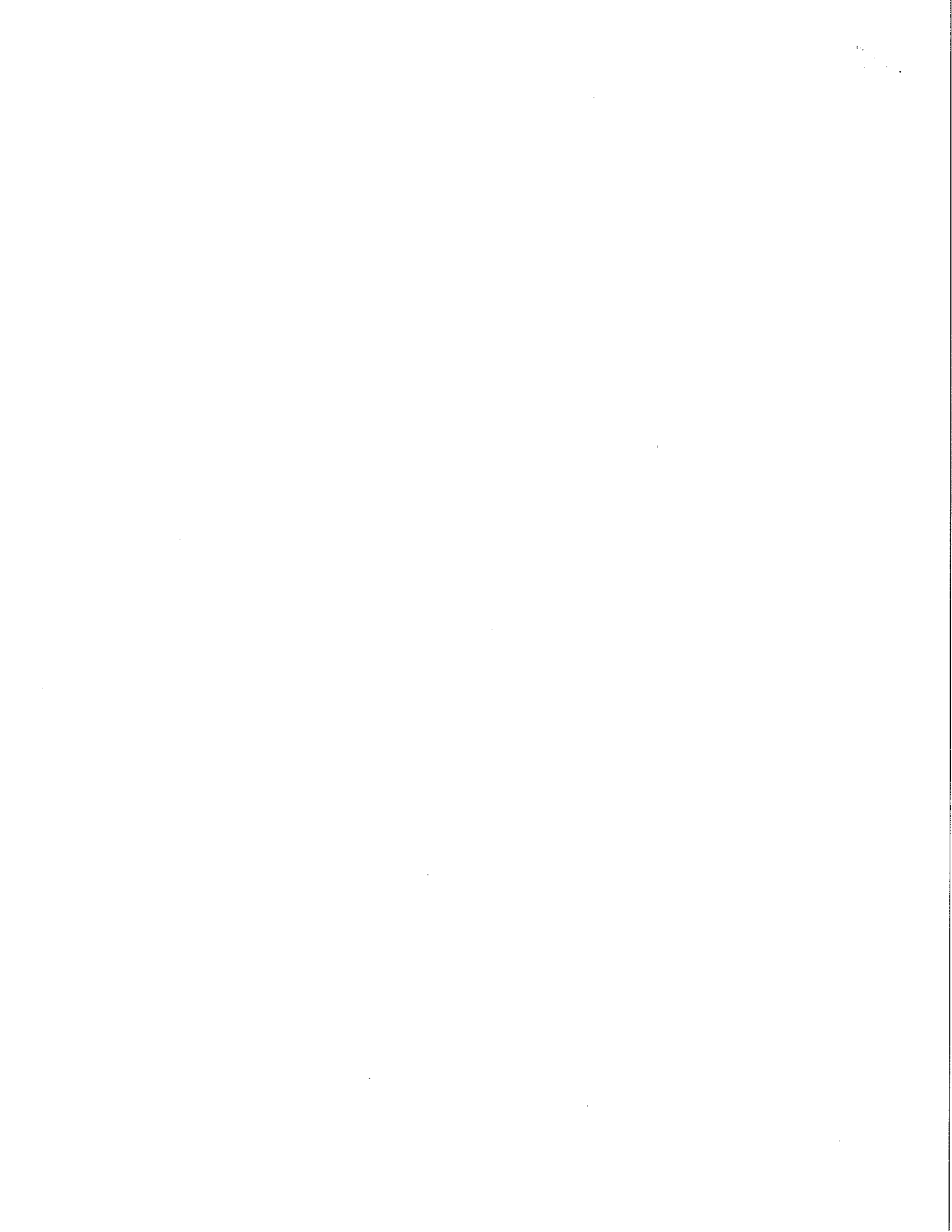
**E. Established Infestation Control Projects:**

- 1. Management Plan
- 2. APM Permit application

**Section VII: Certification**

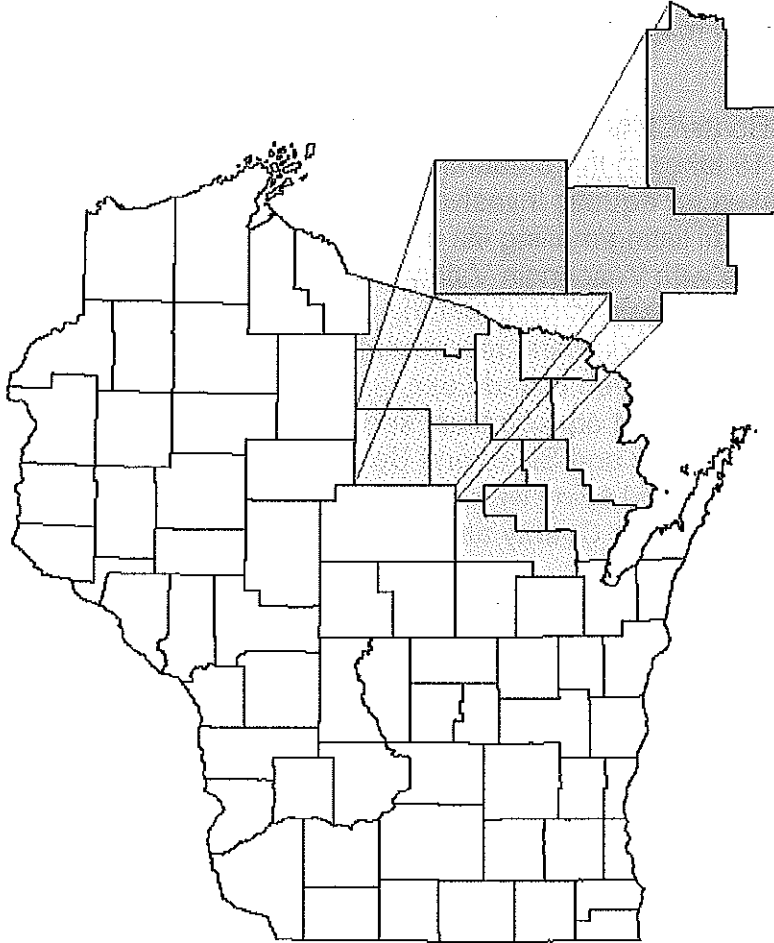
I certify that information in this application and all its attachments are true and correct and in conformity with applicable Wis. Statutes.

Print/Type Name of Authorized Representative Diane Hanson	Title of Authorized Representative Land Services Administrator
Signature of Authorized Representative 	Date Signed 7-30-13



# **TRI-COUNTY APPROACH TO AQUATIC INVASIVES MANAGEMENT**

**2013 DEPARTMENT OF NATURAL RESOURCES  
AQUATIC INVASIVE SPECIES CONTROL GRANT APPLICATION  
August 1, 2013**



**LINCOLN COUNTY LAND INFORMATION, CONSERVATION AND ZONING DEPARTMENT**

**LANGLADE COUNTY LAND CONSERVATION DEPARTMENT**

**FOREST COUNTY LAND CONSERVATION DEPARTMENT**

**LUMBERJACK RESOURCE CONSERVATION AND DEVELOPMENT COUNCIL, INC.  
(RC&D)**

## **INTRODUCTION**

With the utilization of 2009 and 2012 Department of Natural Resources Aquatic Invasive Species Grant Funds, Lincoln, Langlade and Forest Counties in cooperation with the Lumberjack Resource Conservation and Development Council (Lumberjack RC&D), began a Tri-County Aquatic Invasive Species Project to protect the valuable water resources of this area of the state. This tri-county invasive species project has combined state and local resources to implement an effective aquatic invasive species monitoring and educational program for long term water quality protection. The Tri-County project engaged citizens, citizen groups, governments and other stakeholders in working towards an effective, efficient and coordinated local AIS education and outreach effort.

Following are a few of the major items accomplished during the first two years of this cooperative effort:

- ✓ Held 16 Clean Boats/Clean Waters workshops, training 162 inspectors who then spent 2027 hours on 19 lakes in the 3 counties.
- ✓ Monitored 23 lakes for aquatic invasive species
- ✓ Developed an email listing/mailling list of lake contacts and involved citizens.
- ✓ Built a relationship with Wisconsin Valley Improvement Corporation and increased signage on WVIC maintained boat landings.
- ✓ Spent considerable time on hand removal of Eurasian Water Milfoil on Silver Lake in Langlade County and Seven Island Lake and Mabel Lake in Lincoln County.
- ✓ Assisted in Point Intercept aquatic plant surveys on Seven Island Lake and Jersey City Flowage, Lincoln County and Silver and Bear Lakes in Forest County.
- ✓ Zebra mussel veliger and spiny water flea monitoring on Lake Alice, Hilts Lake and Harrison Flowage, Lincoln County and Sawyer, Rose, Upper and Post Lakes in Langlade County.
- ✓ Post monitoring of herbicidal treated Eurasian water milfoil waters on Bridge Lake, Lincoln County; Enterprise Lake, Langlade County; and Lake Metonga, Forest County.
- ✓ Attended meetings and events as schedule allowed including lake association/district meetings, booths at special events, Kids Fishing Event with Mills Fleet Farm, county fairs, etc.
- ✓ Specimen collection for educational purposes, informational display and educational material creation.

Due to the extreme success of this cooperative effort, it is the intention of the partnership to continue this effort and continue to protect the quality of Lincoln, Langlade and Forest County water resources.

## **DESCRIPTION OF PROJECT AREA**

This Aquatic Invasive Species (AIS) Control Grant Application proposes to continue the tri-county project for Lincoln, Langlade and Forest Counties in cooperation with the Lumberjack RC&D. Lincoln, Langlade and Forest Counties are located in north-central/eastern Wisconsin and cover approximately 2800 square miles and contain approximately 2392 lakes. These lakes cover a surface area of 47,394 acres. These lakes are utilized by surrounding property owners as well as the general public for many recreational opportunities.

Not only are there many lakes within these counties, there are also numerous rivers. Based on the Surface Water Resources Report of Lincoln County, Langlade County and Forest County, there are approximately 1891 miles of rivers and streams covering approximately 6222 acres. There are dams located on a few of these rivers that have created flowages such as Lake Mohawksin, Lake Alice, Lake Nokomis, Woods Flowage, and Gartzke Flowage. The spread of aquatic invasives to these flowages is of significant concern due to the connectivity of the waterbodies.

While the majority of the lakes within the three counties are under 1000 acres, both Lincoln and Forest Counties have a few waterbodies that exceed 1000 acres in size. These include Lake Alice, Lake Mohawksin, and Spirit River Reservoir in Lincoln County as well as Lake Metonga, Pine Lake Lake Lucerne, Kentuck Lake, Little Rice Lake and Pickerel Lake in Forest County.

The three counties also have a wealth of outstanding and exceptional resource waters (ORW/ERW). Langlade County alone has 118 waterbodies on the ORW/ERW list. Both Lincoln and Forest Counties have 42 waterbodies on the ORW/ERW list. In addition, 4 waterbodies within the three counties have been designated for critical habitat. It is critical to protect and preserve these valuable water resources from any negative environmental impact.

Residents and the general public have many opportunities to access these waterbodies. There are approximately 300 public access locations within Lincoln, Langlade and Forest Counties. Of these 300 public access locations, 161 are located in Lincoln County. Based on a public access inventory completed in 2008 by a summer intern in Lincoln County, 75 of those locations have minimal off street parking, 68 have on street parking and 18 have a parking lot available. Based on these numbers, it is estimated that Langlade and Forest Counties have 64 sites with minimal off street parking, 59 sites with on street parking and 16 sites with a parking lot.

Recreational opportunities are abundant within the three counties as there are many campgrounds, resorts, public beaches, and county, state and national forests. Lincoln County has approximately 100,000 acres of county forest land. The Harrison Hills and Underdown Recreation Area of Lincoln County contain approximately 40,000 acres of county forest land where many lakes can be found. Langlade County has approximately 126,630 acres of County owned forest land with the majority located in the northern/northeastern portion of the county. Forest County owns approximately 11,511 acres of county forest land and also is home to 329,000 acres of the Nicolet National Forest. In addition to the abundant public land, the three counties have numerous privately owned resorts and campgrounds that provide for recreational opportunities.

Due to the glacial activity in these counties, the land is rolling to hilly with many kettle-like depressions that are often the basins for lakes. With the wealth of water resources and recreational opportunities, tourism is a major economic component of these counties. It is essential that healthy lake and river ecosystems are protected and maintained for visitors to the area.

### **DESCRIPTION OF PROBLEMS TO BE ADDRESSED BY PROJECT**

Aquatic invasive species harbor both biological threats to native ecosystems and economic concerns to communities. AIS jeopardize the integrity and biodiversity of aquatic habitats and diminish water recreational activities and property values. Many species are unintentionally introduced by humans which makes education a significant prevention tool.

Due to the numerous water resources within these counties, water recreational enthusiasts frequent the many water bodies including those currently impacted by aquatic invasive species. Currently, the county staff and DNR are aware of aquatic invasives in the following waterbodies:

Lincoln County: Abel Lake, Lake Alexander, Lake Alice, Barnes Creek, Bass Lake, Crescent Creek, Deer Lake, Devil Creek, Grandfather Flowage, Grandmother Flowage, Hilts Lake, Jersey City Flowage, Lake Clara, Lake Mable, Merrill Flowage, Lake Nokomis, Little Rib River, Little Trappe River, Long Lake, Big Rib River, Bridge Lake, Clear Lake, Lake Mohawksin, Muskellunge Lake, North Branch Prairie River, Pine River, Prairie River, Rice River Flowage, Road Lake, Seven Island Lake, Silver Lake, Skanawan Creek, Smith Lake, Somo Lake, Spirit Lake, Spirit River Flowage, Tomahawk River, Tug Lake, and the Wisconsin River.

Langlade County: Ada Lake, Big Twin Lake, Boulder Lake, Dynamite Lake, East Branch Eau Claire River, Eau Claire River, Enterprise Lake, Evergreen River, Hunting River, Jessie Lake, Kimball Lake, Lawrence Lake, Lily River, (Lower and Upper) Post Lake, Moccasin Lake, Moose Lake, Mueller Lake, Otter Lake, Pickerel Creek, Lower Wolf Lake, Mary Lake, McCaslin Brook, Middle Br Embarrass River, Pickerel Lake, Pine River, Plover River, Prairie River, Antigo Lake, Upper Post Lake, West Branch Red River, Rolling Stone Lake, Rose Lake, Sawyer Lake, South Branch Oconto River, South Neva Lake, Spring Brook, Trappe River, West Branch Eau Claire River, White Lake, Wolf Lake (Lower and Upper), Wolf River

Forest County: Arbutus Lake, Bear Lake, Birch Lake, Brule Creek, Brule Lake, Brule River, Butternut Lake, Crane Lake, Franklin Lake, Hilbert Lake, Hiles Mill Pond, Julia Lake, Jungle Lake, Lily Lake, Lilly River, Little Rice Lake, Long Lake, Mole Lake, Peshtigo River, North Branch Oconto River, Pickerel Creek, Richardson Lake, Roberts Lake, Silver Lake, Stevens Lake, Stevens Creek, Trump Lake, Lake Metonga, Pickerel Lake, Pine Lake, Pine River, Popple River, Rat River, Sevenmile Lake, Silver Lake, South Branch Popple River, Kentuck Lake, Upper Nunemile Lake and Lake Lucerne.

The three counties have a high percentage of seasonal property owners as well as heavy tourism traffic which brings a challenge to AIS prevention. Although AIS concerns have been on the forefront, there are still many boaters/citizens that are unaware of the risks of aquatic invasives. New invasive species as well as new locations of invasives continue to be found. An ongoing and further developed education and prevention program is needed to curb the spread of the invasives. In addition to education and prevention, these counties will benefit from a long term lake and river monitoring program. Adding dedicated staff and educated volunteers to identify pioneer infestations should reduce damage to the ecosystems as well as the cost of AIS controls. The data collection, record keeping and information sharing will aid in the identification of AIS and other water quality concerns.



Through past efforts, staff and volunteers have worked to develop local AIS programs. Lincoln, Langlade and Forest Counties have successfully cooperated with Lumberjack RC&D to hire an Aquatic Invasives Species Coordinator to provide educational and technical assistance to lake associations, districts and citizens. In addition, the Counties have worked with countywide lake groups on efforts to provide information and education activities to its members. For example, Lincoln County, in cooperation with the Lincoln County Lakes and Rivers Association, has sponsored Clean Boat/Clean Waters and Water Quality Monitoring Programs as well as assisted individual lake associations on AIS issues. Also, the Lincoln County Lakes and Rivers Association has sponsored educational displays and booths at local home shows and fairs to help spread the word about AIS and lake protection efforts. Langlade County, in cooperation with the Langlade County Waterway Association has developed an extensive purple loosestrife program that includes raising and distributing beetles and also has been involved in Clean Boats/Clean Waters efforts. Lincoln and Langlade Counties have also worked cooperatively on a DNR Lake Management Grant for the past 4 years that is providing information, education and technical assistance on shoreland buffer and restoration issues. Based on these numerous efforts, Lincoln, Langlade and Forest Counties are well equipped and have demonstrated a commitment to lake and river protection/improvement efforts. It is anticipated that by continuing the AIS Coordinator position and project, the current and future programs/projects will be better coordinated, expanded and AIS management within the counties will be advanced.

## **GOALS**

The cumulative goal for this project is to continue to expand upon the current invasive species programs within these counties as well as provide further education to the public, prevent additional AIS introduction and plan for long term AIS management. This cumulative goal can be broken down into smaller goals of:

- Expand the countywide, multi-county and statewide network of citizens and agency personnel interested in coordinating and implementing AIS prevention and control efforts.
- Create and expand public awareness and education programs related to AIS issues
- Provide technical assistance to lake associations and citizens related to AIS identification, mapping, removal and/or treatment.
- Create and implement a countywide/regional plan to monitor and prevent new AIS infestations and minimize the spread of existing infestations.

## **OBJECTIVES AND ACTION ITEMS/ACTIVITIES**

### **Objective 1. Project Coordination and Management**

Continue to employ a qualified individual to act as project manager and oversee all aspects of the project. Responsibilities of this individual include, but are not limited to:

- *Finalize and implement countywide AIS Strategic Plans*—Ensure that a comprehensive strategic plan for AIS prevention and control is in place. The plan should outline multi-county and individual county goals and strategies, and should dovetail with statewide AIS goals. The project manager is responsible for plan development and overseeing plan implementation. Public participation and involvement of diverse stakeholders in plan development and implementation will continue.

- *Coordinate a countywide network of AIS partners*— Continue to expand and nurture an active network of stakeholders interested in AIS issues in the counties. This network can be fostered through an electronic mailing list, website, written updates, networking events, one-on-one interactions, etc. Create connections and coordinate activities within the county and region with other statewide AIS coordinators, Department of Natural Resource staff, University of Wisconsin Extension staff, Army Corp of Engineers and other entities involved in AIS issues
- *Clean Boats, Clean Waters*—Serve as coordinator for *Clean Boats, Clean Waters (CBCW)* watercraft inspection activity. Work with statewide CBCW coordinator to streamline delivery of training and materials. Maintain working list of lakes with active CBCW efforts and prioritize lakes for new CBCW efforts. Work with volunteers to assure that at least 200 hours per year of actual CBCW monitoring is completed on high activity lakes such as Lake Mohawksin, Lake Nokomis, Bridge Lake, Lake Alice, Upper Post Lake, Rolling Stone Lake, Enterprise Lake, Lake Metonga and other lakes. Work with local groups to ensure complete and accurate data reporting into SWIMS.
- *Citizen Lake Monitoring*—Serve as coordinator for Citizen Lake Monitoring Network (CLMN) aquatic invasive species monitoring. Work with statewide CLMN coordinator to streamline delivery of training and materials. Maintain working list of lakes with active CLMN efforts and prioritize lakes for new CLMN efforts. Work with local groups to ensure complete and accurate data reporting into SWIMS.
- *Statewide AIS Coordinator network*—Participate in statewide network of county AIS coordinators, including semi-annual meetings, email listserv, and other training/networking forums. Maintain communication with statewide AIS Education Specialist and DNR Lake Management staff.
- *Reporting*— Complete all necessary AIS grant reports and share success stories and photos with statewide AIS contacts through AIS listserv. Build and develop relationships with local media to publicize activities, events and accomplishments.

## **Objective 2. Public Awareness, Education and Technical Assistance**

- Participate in media campaigns in cooperation with local and state partners
- Promote and participate in statewide AIS activities such as Invasive Species Month and the 4<sup>th</sup> of July Landing Blitz, etc.
- Assist in distribution and placement of AIS signage, specifically at public access points
- Work cooperatively with local law enforcement/water guards on AIS prevention efforts
- Organize and coordinate training sessions on AIS identification, prevention and monitoring (ie. Clean Boats, Clean Waters, hand pulling of aquatic invasives demonstrations, Citizens Lake Monitoring, etc.)
- Assist in Aquatic Plant Surveys (Point Intercept surveys) as needed/requested by DNR
- Work cooperatively with Great Lakes Restoration Initiative and DNR Monitoring Specialists to increase AIS monitoring, prevention, containment and control activities.
- Build relationships with fishing guides, angling clubs, bait shops and other entities/businesses to encourage assistance with AIS education and prevention
- Develop and implement a plan to educate, inform and control NR 40 prohibited species
- Work with the Wisconsin Valley Improvement Corporation (WVIC) on relevant AIS topics as well as appropriate signage at WVIC owned public access points.
- Identify samples of aquatic plants and invasives for lake groups, individuals, etc. If necessary, any mapping for plant locations will be done by County GIS staff.

- Work with schools/universities (Treehaven) and youth groups in developing a purple loosestrife beetle raising project.
- Coordinate countywide networks of AIS partners and volunteers including collaborating and coordinating with local and state organizations
- Create and distribute newsletters/news releases regarding AIS issues
- Provide technical assistance to lake associations/districts on AIS and water quality issue
- Develop and distribute AIS display materials to be utilized by lake groups
- Assist lake groups in organizing lake fairs and other events
- Attend lake association/district meetings as time allows
- Work with County staff to add AIS information to the Lincoln, Langlade and Forest County websites.

### **Objective 3. AIS Strategic Planning/Implementation**

- Continue to work with partners involved in the strategic planning process (counties, towns, countywide lake associations, individual lake groups, DNR, local businesses, etc.)
- Coordinate and facilitate meetings.
- Prioritize, coordinate and implement the goals, objectives and tasks outlined in AIS monitoring and prevention plans
- Develop a long range and diverse funding strategy for AIS management and implementation of plan goals and objectives
- Continue to implement the plan and revise as necessary
- Expand upon AIS networks developed through the planning efforts
- Distribute, educate and implement AIS action plan protocols to lakes without aquatic invasives (prevention mode), lakes with known infestations of aquatic invasives (management, monitoring, transportation reduction) and lakes unaware of aquatic invasives presence (monitoring, prevention, management)

### **PROJECT METHODS**

This proposed project builds upon and continues the cooperative Tri County AIS Project between the Lumberjack RC&D and Lincoln, Langlade and Forest Counties that was funded through a 2009 and partially funded by a 2012 AIS Grant. This project would continue the funding for an Aquatic Invasive Species Coordinator who implements the objectives and action items listed above as well as the project deliverables identified further within this document. The AIS coordinator will continue to expand upon the many activities of this project with the primary goal of providing educational and technical assistance to the citizens of the three county region.

Diane Hanson, Lincoln County Land Services Administrator, will serve as the primary contact/grant administrator for the project manager and assist with monitoring and educational efforts in Lincoln County. Marie Graupner, Langlade County Conservationist and Cindy Gretzinger, Forest County Conservationist will assist with monitoring and educational efforts in their respective counties. In addition, county staff will assist lake groups with grant writing and management and ordinance development as time allows and as requested. The AIS Coordinator will provide quarterly reports to the Lincoln, Langlade and Forest County Land Conservation Committees and the Lumberjack RC&D Council. Upon completion of this grant, a final report of the project accomplishments will be developed.

## DESCRIPTION OF PROJECT PRODUCTS/DELIVERABLES AND DATA COLLECTION

### Strategic Planning/Reporting

- ❖ The final development and implementation of an AIS Strategic Plan for Lincoln, Langlade and Forest counties will be a significant deliverable of this project. The plans will outline goals, objectives and tasks to fight invasive species on a countywide/multicounty level as well as outline potential funding sources and partnerships that would assist in plan implementation. This plan will be developed and implemented in partnership with many key players such as lake association/district members, fishing groups, sportsman clubs, town/county officials, Department of Natural Resource staff and others. By involving many key players, partnerships will be built that will provide for long term AIS management.
- ❖ Annually, a report of project activities and accomplishments will be developed and provided to the counties, Lumberjack RC&D Council, the DNR and other interested individuals/groups.

### Education

- ❖ Clean Boats, Clean Waters (CBCW) training and Citizens Lake Monitoring Network (CLMN) training will be provided to the general public and lake volunteers through this project. A minimum of 6 training sessions will be provided annually. Upon completion of training, volunteer monitoring will occur and data will be collected. The project manager will assist these volunteers in monitoring, data collection and data input into the DNR SWIMS system. In addition, approximately 200 hours of actual CBCW inspections will be completed through volunteers or the AIS Coordinator.
- ❖ Presentations to individual lake associations/districts will be provided. A minimum of 12 presentations a year will be given. Presentations will be provided to lake groups, schools, governmental entities and other interested parties. Existing educational materials will be distributed and new educational materials will be developed as necessary. Displays will also be developed and set up at home shows, county fairs, lake fairs, or other events. News releases, web releases and articles for lake association/district newsletters will be developed. At least 6 articles per year will be written and distributed.
- ❖ Coordination of AIS activities with local and state partners and volunteers will be accomplished including media campaigns, Invasive Species month activities, landing blitz, Mills Fleet Farm Kid's Fishing Days, etc.
- ❖ Assistance in Aquatic Plant Surveys (Point Intercept surveys) and Great Lakes Restoration Initiative monitoring will occur. This assistance will depend on the number of water bodies scheduled by the Department of Natural Resources for this activity.
- ❖ Fishing guides, angling clubs, bait shops and other related entities/businesses will be contacted to encourage their assistance with AIS education and prevention.
- ❖ As needed, AIS signage will be distributed and/or installed at public access points that are currently not signed. Existing signs will be monitored for any necessary maintenance. This includes working with Wisconsin Valley Improvement Corporation and local governments to ensure adequate and appropriate signage.

- ❖ Work with local law enforcement/water guards on cooperative AIS prevention efforts. Through this effort, the project anticipates developing relationships with law enforcement to assist with AIS prevention strategies at least 40 hours per year.

### Technical Assistance

- ❖ Monitoring of existing invasive populations, new infestations of invasives as well as any new invasive species found in waterways will occur. Waterbodies to be monitored will be prioritized based on the following considerations: concern/contact by a lake association/district or property owner, known presence of AIS, proximity to AIS infested waters, previously treated waters, boater traffic and sampling status. New infestations will be reported to appropriate DNR officials, lake association/district board members and any other individuals, groups or officials, as needed. At a minimum, 10 lakes will be monitored per year for the presence of aquatic invasives. If possible, hand pulling of infestations will be completed and individuals trained on appropriate techniques for hand pulling. It is anticipated that hand pulling of aquatic invasives may occur on 3-5 lakes per year.
- ❖ Assistance will be provided for the post monitoring of herbicidal treated Eurasian water milfoil waters. This is in cooperation with the Army Corp of Engineers, DNR and private consultants. This assistance will be provided on an as needed basis.
- ❖ Technical assistance will also be provided to lake groups, as requested and as time allows, regarding AIS management issues, basic AIS grant information, and other lake issues. Lakes without associations will be encouraged to considering organizing an association. Letters of support may be written as requested by lake groups applying for grants.

### DESCRIPTION OF EXISTING AND PROPOSED PARTNERSHIPS

This project is a continuation of a partnership between Lincoln, Langlade and Forest Counties and the Lumberjack RC&D. All three counties have been members of the Lumberjack RC&D for many years and have worked together on projects through this council. The counties and Lumberjack RC&D will be providing significant support for this project by providing administrative, educational and technical assistance to the project manager. The Lumberjack RC&D will provide the main office space, computer/copy equipment, field equipment and other office supplies. Each county will also provide maps, copies, supplies, field equipment and office space if needed for project activities as well as any GIS mapping needs.

In addition, each county is fortunate to have countywide lake and river organizations. These organizations are key partners with this project and we anticipate that these partnerships will continue to expand and grow. In addition, partnerships with individual lake associations will be developed. To date, the following lake associations/districts have benefited from this project and/or have provided a letter of support to continue this project:

- ✓ Lincoln County - Clear Lake, Deer Lake District, Lake Mohawksin, Lake Alice, Seven Island Lake Association
- ✓ Langlade County – Post Lake Protection and Rehabilitation District, Post Lake Improvement Association, Inc., Rolling Stone Lake, Langlade County Waterways Association, Big Twin Lake Association, Friends of Moose Lake, Summit Lake, Greater Bass Lake Protection and Rehabilitation District, Pickerel/Crane Lake Protection and Rehabilitation District, Town of Nashville

## **ROLE OF PROJECT IN LAKE PLANNING AND MANAGEMENT**

This project proposal provides for the continuation of an organized strategy for AIS management in Lincoln, Langlade and Forest Counties. Local and state agencies are limited in providing a strong AIS program due to limited time, money and staff resources. This project will enable the counties to continue to expand these limited resources through the continued funding of an Aquatic Invasive Species Coordinator and the expansion of the many strong partnerships and volunteer network. This network has and will create additional awareness of AIS issues and therefore provide for a significant increase in the monitoring for AIS and other water resource issues within these counties. The project will continue to foster a countywide and multicounty plan for AIS management to protect the lakes and water resources of Lincoln, Langlade and Forest Counties. In addition, AIS monitoring data will be utilized by the many lake associations/districts, counties and other entities in local lake planning and resource management planning efforts.

## **PLAN FOR SHARING PROJECT RESULTS**

Project results will be shared with local and state individuals, associations and agencies through a variety of methods. AIS Strategic Plans will be available to individuals, lake groups, the Lumberjack RC&D and town, county and state officials. The plans will also be made available on county websites as well as countywide lake group websites, if applicable.

All monitoring data will be accessible via the SWIMS database and made available to individuals, groups and government officials as requested. All necessary AIS grant reports; project successes and areas of concern will be distributed to lake groups, town, county and state officials and the AIS listserv. The final grant report will be made available on each counties website.

An annual update and final report will be submitted to the DNR, the Lincoln, Langlade and Forest Counties Land Conservation Committee, the County Boards of each county, the countywide lake and river associations, individual lake associations/districts, Lumberjack RC&D, and other conservation and sportsman groups. Annual updates will also be presented to the Lumberjack RC&D during one of their quarterly meetings and to the Land Conservation Committees of the three counties during a regular monthly meeting.

## **COMPLIANCE WITH EXISTING PLANS**

The goals of this project are consistent with the Lincoln County Land and Water Resource Management Plan, Langlade County Land and Water Resource Management Plan and the Forest County Land and Water Resource Management Plan. All of these plans identify protecting and improving the water resources of the individual counties as a priority.

Specifically, Lincoln County's LWRM Plan states goals to protect the water resources of Lincoln County and monitor and manage threats from invasive species. Within the goals, the plan identifies the following objectives/action items:

- Apply for Lake Management grants for educational programs and control of aquatic invasives including continuation of the Tri County Aquatic Invasives Project and Treehaven student project
- Inform the community of invasive aquatic plants occurring in the county and the potential harmful impacts the plants have on the ecosystem.

## TRI-COUNTY APPROACH TO AQUATIC INVASIVES MANAGEMENT

- Initiate Clean Boats/Clean Waters watercraft inspections
- Initiate a purple loosestrife control project
- Educate people on how to identify invasive species through newsletters, paper articles, handouts, presentations and field visits.
- Assist local lake associations/districts in grant applications for the development of aquatic plant management plans
- Encourage volunteers to participate in monitoring for water quality through the DNR Citizens Lake Monitoring Network
- Encourage protection of aquatic endangered species

Langlade County's LWRM Plan states goals of protecting and improving surface and groundwater quality and the protection of resources through land use planning. Within the goals, the plan identifies Aquatic Invasive issues and outlines the following tasks:

- Provide information to the public on invasive species and harmful impacts the invasives are having on the ecosystem (annual display)
- Educate the public on how to identify exotics species through newsletters, display board and handouts
- Work with lake association/districts with activities to control the spread of invasives
- Distribute educational information about aquatic and terrestrial invasive species
- Develop a volunteer committee to deal with activities to control invasive species

Forest County's LWRM Plan states goals of slowing the spread of non-native aquatic and terrestrial species by providing educational brochures, AIS placemats, and keychains, as well as work with Lincoln and Langlade Counties to continue the AIS coordinator position and Forest County Association of Lakes to coordinate AIS activities.

In addition to the county plans, the Headwaters Basin Integrated Management Plan developed by DNR in cooperation with the Headwaters Basin Partnership Team in December, 2002 specifically states of the need to provide public awareness concerning invasive issues and to participate in long-term solutions to prevent their spread.

## TIMETABLE FOR IMPLEMENTATION OF KEY ACTIVITIES

Following is a timetable for implementation of activities to be addressed by this project. The timetable is a projection of when certain activities will be completed but is subject to change due to requests that staff receives and time commitments.

2014

**January**  
 AIS Strategic Planning Meeting/Development  
 Offer AIS grant information and assistance  
 Be available for presentations  
 Attend necessary training/meetings  
 Plan for Purple Loosestrife Beetle project

**February:**  
 AIS Strategic Planning Meeting /Development  
 Offer AIS grant information and assistance  
 Be available for presentations  
 Attend necessary training/meetings  
 Plan for Purple Loosestrife Beetle project

**March:**  
 Offer AIS grant information and assistance  
 Be available for presentations  
 Attend necessary training/meetings

**April:**  
 CB/CW and AIS Monitoring Workshop Planning  
 Stock educational CB/CW material  
 Develop AIS articles and presentations  
 Attend Lakes Conference and other meetings  
 Purple Loosestrife Beetle project implementation

**May:**  
 CBCW Workshop and organization meeting  
 Begin watercraft inspections/signage review  
 Offer AIS grant information and assistance  
 AIS Monitoring Workshop  
 Meetings with lake associations/districts  
 Develop AIS articles and presentations  
 Purple Loosestrife Beetle project implementation

**June:**  
 CBCW Workshop  
 CLMN Workshop  
 Begin lake monitoring, hand pulling, etc.  
 Watercraft inspections/signage review  
 Meetings with lake associations/districts  
 Develop AIS articles and presentations  
 Offer AIS grant information and assistance  
 Purple Loosestrife Beetle project implementation

**July:**  
 CBCW Workshop  
 Lake monitoring/hand pulling, etc.  
 Watercraft inspections/signage review  
 Develop and setup booth at county fairs  
 Develop AIS articles and presentations  
 Offer AIS grant information and assistance  
 Purple Loosestrife Beetle project implementation

**August:**  
 CBCW Workshop  
 Lake monitoring/hand pulling, etc.  
 Watercraft inspections/signage review  
 Meetings with lake associations/districts  
 Develop and setup booth at county fairs  
 Develop AIS articles and presentations  
 Offer AIS grant information and assistance

**September:**  
 Lake monitoring/hand pulling, etc.  
 Watercraft inspections/signage review  
 Meetings with lake associations/districts  
 Develop AIS articles and presentations  
 Offer AIS grant information and assistance

**October:**  
 AIS Coordinator meeting  
 Enter data into SWIMS  
 Strategic Plan reporting  
 Offer AIS grant information and assistance  
 Be available for presentations

**November:**  
 Strategic Plan Reporting  
 Enter data into SWIMS  
 Offer AIS grant information and assistance  
 Be available for presentations

**December:**  
 Annual report/grant report development  
 Be available for presentations/meetings

2015

**January:**  
 Review AIS Strategic Plan  
 Offer AIS grant information and assistance  
 Be available for presentations  
 Attend necessary training/meetings  
 Plan for Purple Loosestrife Beetle project

**February:**  
 Make revisions to AIS Strategic Plan as needed  
 Offer AIS grant information and assistance  
 Be available for presentations  
 Attend necessary training/meetings  
 Plan for Purple Loosestrife Beetle project

**March:**  
 Offer AIS grant information and assistance  
 Be available for presentations  
 Attend necessary training/meetings

**April:**  
 Submit AIS project final report  
 Stock educational CB/CW material  
 CB/CW and AIS Monitoring Workshop Planning  
 Develop AIS articles and presentations  
 Attend Lakes Conference and other meetings  
 Purple Loosestrife Beetle project implementation

**May:**  
 CBCW Workshop and organization meeting  
 Begin watercraft inspections/signage review  
 Offer AIS grant information and assistance  
 AIS Monitoring Workshop  
 Meetings with lake associations/districts  
 Develop AIS articles and presentations  
 Purple Loosestrife Beetle project implementation

**June:**  
 CBCW Workshop  
 CLMN Workshop  
 Begin lake monitoring, hand pulling, etc.  
 Watercraft inspections/signage review  
 Meetings with lake associations/districts  
 Develop AIS articles and presentations  
 Offer AIS grant information and assistance  
 Purple Loosestrife Beetle project implementation

**July:**  
 CBCW Workshop  
 Lake monitoring/hand pulling, etc.  
 Watercraft inspections/signage review  
 Develop and setup booth at county fairs  
 Develop AIS articles and presentations  
 Offer AIS grant information and assistance

**August:**  
 CBCW Workshop  
 Lake monitoring/hand pulling, etc.  
 Watercraft inspections/signage review  
 Meetings with lake associations/districts  
 Develop and setup booth at county fairs  
 Develop AIS articles and presentations  
 Offer AIS grant information and assistance

**September:**  
 Lake monitoring/hand pulling, etc.  
 Watercraft inspections/signage review  
 Meetings with lake associations/districts  
 Develop AIS articles and presentations  
 Offer AIS grant information and assistance

**October:**  
 AIS Coordinator meeting  
 Enter data into SWIMS  
 Strategic Plan reporting  
 Offer AIS grant information and assistance  
 Be available for presentations

**November:**  
 Strategic Plan Reporting/Final grant report development  
 Enter data into SWIMS  
 Offer AIS grant information and assistance  
 Be available for presentations

**December:**  
 Annual report/grant report development/submittal  
 Be available for presentations/meetings