

TOWN OF LAC DU FLAMBEAU, WI

**COUNTY OF VILAS
PO BOX 68, 54538**

FINAL REPORT

AIS Planning Grant

AEPP-231-10

December 2010

This document is intended to satisfy requirements specified in the Aquatic Invasive Species Control Grant Agreement between the Wisconsin Department of Natural Resources and the Town of Lac du Flambeau, Wisconsin, including the items listed therein as Project Deliverables.

Lac du Flambeau Town Lakes Committee

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INTRODUCTION & BACKGROUND

In January 2010 the Lac du Flambeau Town Lakes Committee (TLC) submitted a grant application to the Wisconsin Department of Natural Resources (WDNR) for funds to prevent infestations of Aquatic Invasive Species (AIS) in Lac du Flambeau (LdF) and Manitowish Waters (MW). The application was approved and the TLC and MW worked on grant projects from April through December, 2010.

The waters of Lac du Flambeau and Manitowish Waters are clearly at risk. Several lakes have infestations of Smelt, Purple Loosestrife, or Rusty Crayfish, while other Aquatic Invasive Species (AIS) like Eurasian Water Milfoil and Curly-Leaf Pondweed are moving ever closer. In fact, during the time period of this grant, Curly Leaf Pondweed was found on Island Lake in Manitowish Waters, reinforcing the apprehension that the rapid growth and spread of AIS may significantly harm the local economies, property values, and the ecosystems and native species, while also threatening human health.

Until this grant, both communities had acted independently to address the Purple Loosestrife infestations and other AIS issues. This application expanded an existing partnership between the Lac du Flambeau Band of Lake Superior Chippewa Indians and the Town of Lac du Flambeau's Town Lakes Committee to include the Town of Manitowish Waters, the Manitowish Waters Lakes Association, and the Discovery Center. The common purpose of the new partnership was to protect the waters from aquatic invasive species by providing AIS education, containing the Purple Loosestrife infestations, and planning for the future.

This document, the Final Report for Grant AEPP-231-10, addresses the requirements specified in the *Aquatic Invasive Species Control Grant Agreement*, including the following items listed in the Agreement as Project Deliverables:

1. Completed entry of inspection Form 3200-120 and monitoring Form 3200-124 onto WDNR website
2. Two AIS Coordinators
3. Purple Loosestrife Action Plan and Manitowish Waters Strategic Plan
4. AIS educational and communication activities/products
5. Final Report summarizing CBCW activities, AIS monitoring, management of AIS, and all other project activities

This document, Project Deliverable #5, includes information for Project Deliverables #1-4.

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GOAL 1: PREVENT AIS INFESTATIONS

Objective #1...Prevent AIS Infestations through Education

Implement a Lake Steward Program

The Lake Steward Workshop was conducted on August 4, 2010 at the Lake of the Torches Convention Center in Lac du Flambeau. The program was attended by 38 volunteers; 34 from Lac du Flambeau and four volunteers from Manitowish Waters. Several guests and visitors also attended, including the WDNR Statewide Aquatic Invasive Species Coordinator, Bob Wakeman, and the Vilas County Invasive Species Coordinator, Ted Ritter. The program included the following:

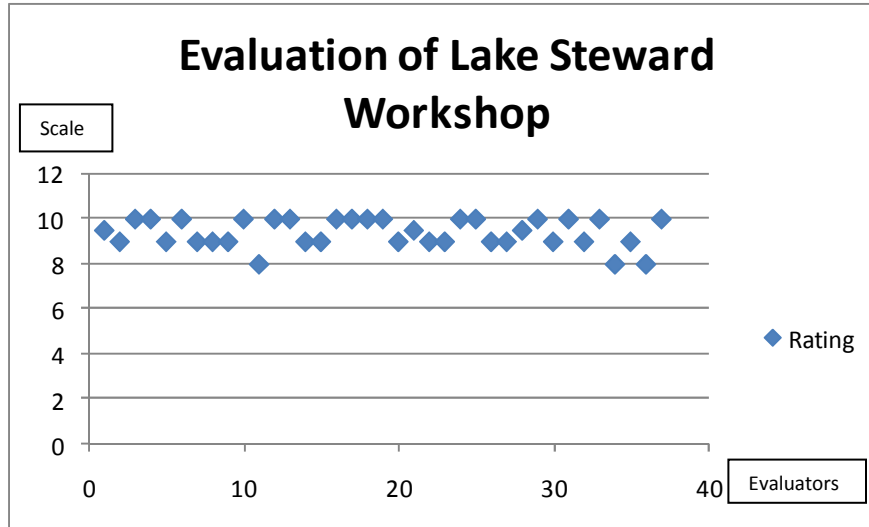
8:00-8:30	<i>Arrival & Registration</i>
8:30-8:45	<i>Introduction</i>
9:00-10:30	<i>Introduction to Limnology</i>
10:40-Noon	<i>Citizen Lake Monitoring Network: Secchi Disc & Water Chemistry</i>
Noon-12:45	<i>Lunch, Guest Speaker Larry Wawronowicz, Director of the Tribal Natural Resources Department</i>
12:45-2:15	<i>Lake Monitoring: Aquatic Plant Identification</i>
2:30-3:30	<i>Stewardship</i>

Participants received the following materials:

- Tote bag
- Through the Looking Glass
- CLMN Kit
- Set of laminates (22 set binder)
- Rapid Response Plan
- Town Lakes Committee Strategic Plan
- Magnifying glass
- Pen
- CLMN Water Quality Reports

At the end of the workshop, participants completed an evaluation of the workshop. The following chart summarizes the evaluations submitted by thirty-seven participants. The average rating is 9.39 on a scale of 1 – 10 with 1 meaning *poor* and 10 *excellent*. The evaluation, including evaluators' comments, is in Appendix I.

As a result of the workshop, thirty-seven participants said they would serve as Lake Stewards, four soon became members on the Town Lakes Committee, and sixteen registered with the Citizen Lake Monitoring Network.



Conduct at least one workshop on the Clean Boats Clean Waters training program

Volunteers from the TLC conducted a Clean Boats Clean Waters workshop on June 12 at the Discovery Center in Manitowish Waters from 9:30-11:30 am. The first part of the session was on how to inspect watercraft and included a mini lecture and outdoor demonstration. The second part of the session was on how to identify Eurasian Water Milfoil, Curly-Leaf Pondweed, and Purple Loosestrife. Live samples were available for the participants to examine. Three volunteers attended the workshop. A copy of the power point presentation used in the workshop is on the disc.

Conduct a workshop on Lake Monitoring/AIS Identification

Several workshops on Lake Monitoring/AIS Identification were conducted as part of the grant and one workshop was canceled due to lack of registrants.

- Volunteers from the TLC conducted a workshop on June 12 in conjunction with a workshop on inspecting watercraft. The session was held in the Lac du Flambeau Town Hall and included information on how to identify Eurasian Water Milfoil, Curly-leaf Pondweed, and Purple Loosestrife. Live samples were available for the participants to examine. A copy of the power point presentation used in the workshop is on the disc.
- A workshop scheduled for June 17 was canceled due to lack of participants. The two individuals who had registered for the workshop attended the Lake Steward Workshop instead.
- The Aquatic Invasive Species Coordinator for Vilas County, Ted Ritter, conducted a workshop on June 23 at the Discovery Center.
- TLC volunteers conducted a workshop on July 5 from 10:00-11:15 am at the Lac du Flambeau Town Hall for members of the Pokegama Lake Association.

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- Two workshops were conducted by Susan Knight, WDNR, on August 4 as part of the Lake Steward Workshop.
- Two workshops were conducted by Sandy Wickman, WDNR, on August 4 as part of the lake Steward Workshop.

Conduct a workshop on Containment of Purple Loosestrife

A workshop on containing infestations of Purple Loosestrife was conducted at the Discovery Center by Brock Woods, WDNR, on June 3. The first part of the session included a mini-lecture. The second part of the workshop included collecting beetles at Clear Lake.

Conduct a workshop on Limnology

The Water Quality Specialist for the Lac du Flambeau Band of Lake Superior Chippewa Indians conducted a workshop on limnology on August 4 as part of the Lake Steward Workshop. A copy of the power point used in the workshop is on the disc.

Conduct a workshop on How to Establish a Lake Association

The Town Lakes Committee, the Vilas County Conservation Department, and the North Lakeland Community Education scheduled a workshop to be held on June 3. Though the workshop was canceled due to lack of registrants, the individual who registered for the session was counseled individually.

Objective #2...Prevent AIS Infestations through Watercraft Inspections

Hire and supervise Watercraft Inspection Coordinators

The Town of Lac du Flambeau paid a current employee to work 400 additional hours as a CBCW Coordinator from mid-April to the end of September. The Coordinator assumed the following duties:

- Called, recruited, and scheduled volunteers
- Trained volunteers
- Entered CBCW data onto the WDNR Database
- Served as the primary contact for CBCW/AIS for the community
- Replenished containers at the landings
- Helped at the landings during holidays, tournaments

The Discovery Center hired two CBCW Coordinators. One was employed from May 1 to June 25, and The other from July 12 to September 15. A copy of the vacancy notice is in Appendix II. The Coordinators assumed the following duties:

- Became knowledgeable, with the help of Discovery Center staff, in planning and implementing programs for the prevention and control of aquatic invasive species.

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- Scheduled and delivered AIS-related programs and presentations to civic groups, community organizations, school groups, etc.
- Served as the primary contact and organizer for the Clean Boats Clean Waters program involving contract workers and volunteers, scheduled to monitor public boat landings, and to personally monitor landings as time allowed.
- Solicited, trained, and scheduled volunteers, especially in coordination with the Manitowish Waters Lakes Association, to work in AIS and lake monitoring programs.
- Collected and recorded data including volunteer hours and submitted records and reports promptly as required.
- Attended meetings and worked with the Town of Manitowish Waters, the Manitowish Waters Lake Association and Vilas county AIS Coordinator.
- Achieved the goals and objectives as set forth in the agreement between the Discovery Center and the Town of Manitowish Waters.

Encourage Volunteer Watercraft Inspection

The CBCW Coordinators were expected to call, recruit, schedule, and train volunteer watercraft inspectors to work 375 hours at landings in Lac du Flambeau and 175 hours at landings in Manitowish Waters. In a letter, July 6, 2010, the WDNR approved that Manitowish Waters could meet its obligation by paying for inspection as well as relying on volunteer inspectors. The letter of approval is in Appendix III.

Implement the new CBCW Story Hour

Judy Ruch, former Kindergarten teacher and CBCW volunteer in Vilas County, conducted three sessions of the CBCW Story Hour. The first session was held at the public library in Lac du Flambeau on June 26 as part of the community's annual Lakes Fest. The second and third sessions were held at the Discovery Center on June 28 in the morning and afternoon. Seven children attended the session in Lac du Flambeau, fifteen children and five adults attended the morning session at the Discovery Center, and sixteen children and four adults attended the afternoon session.

Objective #3...Prevent AIS Infestations through Lake Monitoring

Encourage Volunteer Monitoring

The grant called for volunteers in Lac du Flambeau and Manitowish Waters to conduct at least 700 hours of lake monitoring during the 2010 season. This was accomplished in a variety of ways. Sweeps, Pontoon Cruises, etc. On July 22 and August 19, for example, six and seven volunteers respectively learned how to identify AIS and related ecological impacts on the Manitowish Waters Chain while on AIS pontoon cruises.

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Monitor by Scuba Diving

In August, several volunteer SCUBA divers checked the waters for invasive aquatic plants near landings on Little Crawling Stone Lake, White Sand Lake, and Flambeau Lake. No invasive aquatic plants were found.

Promote WDNR's Citizen's Lake Monitoring Network

The Citizen Lake Monitoring Network was promoted at the workshops listed on pages 3-4 and at the roundtable for lake association officers on June 9. In addition, the WDNR's CLMN Coordinator, Sandy Wickman, was a primary presenter at the Lake Steward Program where sixteen volunteers registered to collect CLMN data.

Conduct Point Intercept Surveys

The Tribe's Natural Resources Department conducted Point Intercept Surveys at Little Crawling Stone Lake, Crawling Stone Lake, Pokegama Lake, Moss Lake, and White Sand Lake while Bonestroo conducted a Point Intercept Survey at Squaw Lake. No aquatic plant invasive species were found during any of the surveys. A table listing the aquatic plants located during the surveys is in Appendix IV. A copy of the Point Intercept Survey conducted by Bonestroo is in Appendix V.

Objective #4...Prevent AIS Infestations through Communication

Design and Issue AIS Communications

The Town Lakes Committee issued newsletters in April and December: the April issue focused on the Lake Steward Program and the effort to contain Purple Loosestrife infestations and the December issue summarized the much of the information in the Final Report. The Discovery Center's monthly newsletter included features highlighting AIS. Copies of the items are in Appendix VI.

Fully Utilize Available Websites

In the 2006 and 2007 grants, the Town Lakes Committee worked with the Town of Lac du Flambeau to start to establish a section on the town's website devoted to the Town Lakes Committee. That section of the website is now fully functional and has been used to disseminate information related to this grant. The site may be accessed at <http://www.tn.lacduflambeau.wi.gov/>. The websites of the Manitowish Waters Lake Association, Manitowish Waters Town Board, North Lakeland Discovery Center, and the Manitowish Waters Chamber of Commerce were used by the Discovery Center to disseminate information related to their participation in the grant. The North Lakeland Discovery Center's website contains all programs offered and also a special AIS page elaborating on issues and providing contact information.

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Update and Distribute AIS Education Packets

Volunteers for Lac du Flambeau's Town Lakes Committee, the North Lakeland Discovery Center, and the Manitowish Waters Lake Association distributed hundreds of *education cards* in plastic baggies to boaters at the landings.

Update and Distribute the TLC Brochure and Discover Center Program Guide

The Lac du Flambeau Town Lakes Committee's brochure was updated and distributed as needed. A copy of the TLC brochure is on the disc. The Discovery Center's *Summer/Fall Program Guide* was used to highlight activity regarding AIS. Pertinent pages are in Appendix VII.

Issue Press Releases and Public Announcements

Numerous press releases and public announcements as well as articles on grant activities were included in several publications. Copies of the following items are in Appendix VIII.

- Flyer from North Lakeland Discovery Center on Summer AIS Programs
- North Lakeland Discovery Center Newsletter (Vol. 1 #6) focus on AIS
- White Sand Lake Association Newsletter Calendar of TLC Activities
- North Lakeland Discovery Center Newsletter (Vol. 1 #7) focus on containing Purple Loosestrife infestations
- North Lakeland Discovery Center Newsletter (Vol. 1 #9) focus on CBCW Children's Story Hour
- Crawling Stone Lakes Association Newsletter on Sweep and CBCW
- North Lakeland Discovery Center Spring Class List Announcement of Workshop on How to Start a Lake Association
- April 23. Article in Lakeland Times on Sweep
- May 27. Article in Ojibwe Times of AIS Sweep
- May 28. Announcement in Lakeland Times of TLC Training Calendar
- May 28. Article in Lakeland Times on TLC Purple Loosestrife Project
- May 28. Article in Lakeland Times on Lakes Fest
- May 28. Announcement in Lakeland Times of Grant Workshops at the Discovery Center
- May 28. Article in Lakeland Times of Student Volunteers in Purple Loosestrife Project
- June 1. Article in Lakeland Times on AIS Sweep
- June 4. Announcement in Lakeland Times of CBCW Workshop
- June 11. Announcement in Lakeland Times of TLC meeting
- June 11. Announcement in Lakeland Times on TLC AIS Workshop
- June 11. Flyer issued for ECO/TLC Sweep
- June 18. Announcement in Lakeland Times on Lake Steward Workshop
- June 18. Announcement in Lakeland Times on Pokegama Lake Association & AIS
- June 22. Article in Lakeland Times on Coordinator at Discovery Center
- July 16. Article in Lakeland Times on TLC Lake Monitoring

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- July 30. Article in Lakeland Times on lake Steward Workshop
- August 13. Article in Lakeland Times on Town Lakes Committee
- August 24. Article in Lakeland Times on Lake Steward Workshop
- August 27. Lakeland Times Anniversary Announcement featuring volunteers dressed in CBCW t-shirts

Establish a TLC and Manitowish Picture File

The Town Lakes Committee and the North Lakeland Discovery Center have collected files of pictures related to AIS activities. The files are available on request.

Participate in Lakes Fest

The Town Lakes Committee hosted a booth at Lakes Fest on July 26 to disseminate information about the AIS and the Town Lakes Committee. As part of the Fest, the TLC also sponsored the CBCW Story Hour for children at the public library.

Participate in the Fourth of July Festivities

The Town Lakes Committee and Manitowish Waters both participated in their communities respective Fourth of July Festivals to educate the public about AIS.

Participate in Outreach Activities

Lac du Flambeau's Town Lakes Committee posted containers with AIS cards and brochures at schools, gas stations, resorts, bait shops, rental businesses, boat dealers, churches, cultural centers, museums, Chambers of Commerce, libraries, restaurants, ACE Hardware, Trigs, SaveMore, bookstores and other entities to inform the public about the Town Lakes Committee's mission and AIS. The Manitowish Waters Lake Association and the North Lakeland Discovery Center distributed AIS material at the Manitowish Waters Lake Association Annual Meeting and at other meetings and public gatherings, such as Colorama Days, Fourth of July Celebration, Boulder Musky Days, Manitowish Waters Chamber Party and the Manitowish Waters Area World Championship Muskie Classic.

Improve the TLC Directory Information Database

Both communities updated directory information databases.

Host a Volunteer Appreciation Reception

The Lac du Flambeau Town Lakes Committee held a Volunteer Appreciation Reception on August 26 at the Lake of the Torches Convention Center while Manitowish Waters hosted an end of summer volunteer recognition party on August 23 at the Discovery Center. About fifty volunteers attended each activity. The reception for Lac du Flambeau included guest speakers and displays, as well as refreshments. The

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recognition party for Manitowish included a picnic, raffle drawing, and recognition of long-term volunteers. All fifty volunteers received a hand painted Lake Superior stone with either a drawing or “volunteer” quotation, and Discovery Center post-its.

Host a Lake Rally

Manitowish Waters Lake Association held its annual meeting in July. The meeting included a presentation by the Manitowish Waters AIS Coordinator, Amber Gray, AIS educational material, AIS displays, and an AIS table manned by the AIS Coordinator. The booth had live aquatic vegetation samples, purple loosestrife and fireweed, and Rusty crayfish among other pictures and identification tools. 170 Manitowish Waters Lake Association members attended. North Lakeland students presented some of the activities.

Reprise Signage Report

Copies of the signage report for Lac du Flambeau and landing photos of signage for Manitowish Waters are in Appendix IX.

Establish AIS Display

The Discovery Center established a museum-like AIS Display to highlight current information on AIS.

GOAL 2: CONTAIN INFESTATIONS

Objective #1: ...through a Rapid Response Plan

Facilitate Rapid Response through Scuba Diving

In support of Lac du Flambeau’s *Rapid Response Plan* volunteer divers are on call to immediately check on reports of possible findings of AIS. No reports were received during 2010 requiring this service.

Objective #2...Implement an Action Plan for Containing Purple Loosestrife Infestations

Design an Action Plan for Containing Purple Loosestrife Infestations

The Town Lakes Committee’s Action Team for Containing Purple Loosestrife potted Purple Loosestrife roots and raised approximately 200 plants this season on one of the Tribe’s strawberry farms. Each plant was seeded by at least ten *Galeracella* Beetles which eventually produced an estimated 400,000 beetles which were distributed at several infestations in the Lac du Flambeau area. The required forms were

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submitted to the WDNR. Student volunteers assisted with the project. The following action plan guided the effort.

ACTION PLAN FOR CONTAINING PURPLE LOOSESTRIFE INFESTATIONS

Goal: ___Prevent AIS Infestations XManage Infestations ___Administer Efficiently/Effectively

Purpose & Activity: Develop and implement an Action Plan for managing Purple Loosestrife infestations.

Action Team: Gast, George, Roche, Wetzel

What are the limitations/givens?

The Action Plan must include raising and placing beetles.
 The Action Plan must include conducting a workshop on Purple Loosestrife that includes information on the plant's life-cycle and how to raise and use beetles.
 The Action Plan must include updating the Tribe's database on Purple Loosestrife.
 Limitation: all activities must be completed by October.
 Limitation: budget includes \$325 for supplies and \$50 for printing.
 Limitation: availability of beetles.

What needs to be done?	When?	Who will do the task?
1. Introduce concept to TLC, set team, pick date to plan	Mid-April	Wetzel
2. Co-sponsor workshop on Purple Loosestrife	Mid-April	Gast, Wetzel
3. Hold planning meeting for Action Team (11:00 am)	Early April	Wetzel & Action Team
4. Complete WDNR forms and submit	April/May	Volunteers raising plants
5. Confirm use of Tribal farm	Mid-April	Gast
6. Dig plants & transport	May	ActionTeam
7. Get supplies (pots, soil, netting, pools)	Early April	Action team
8. Get seed beetles	May/June	Action Team
9. Issue Publicity	Mid- April	Roche
12. Conduct workshop	May	Action Team
14. 15. Display at Lakes Fest	June	Roche, Gorski, Gast, Wetzel
16. Distribute raised beetles	Mid June – Mid July	Action Team
17. Complete WDNR forms and submit	June/August, Nov	Gast
18. Report placement data to Tribe	Late July, Nov	Gast
19. Continue monitoring infestation sites (cut blossoms)	July – Oct	Action Team
20. Continue monitoring all lakes for new sites – blossoms	July – Oct	Action Team & All Volunteers
21. Write end- of- season report on Purple Loosestrife Project	October	Wetzel

GOAL 3: ADMINISTER EFFICIENTLY & EFFECTIVELY

Objective #1: Administer Efficiently and Effectively through Strategic Planning

Implement TLC AIS Strategic Plan

The Town Lakes Committee established an Action Team for Strategic Planning in April to implement the four-phase planning process: readiness, planning, implementation, and evaluation. All of the goals, objectives, and activities in this report are part of the Strategic Plan as approved by the Lac du Flambeau Town Board for 2010. A copy of the plan is in Appendix X.

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Work with the Manitowish Waters Lakes Association to Design a Draft MWLA Strategic Plan

Representatives from the Lac du Flambeau Town Lakes Committee met with representatives of the Manitowish Waters Lake Association on a few occasions to discuss drafting a strategic plan for the MWLA. The strategic plan and process used by the Town Lakes Committee was referenced as a model. Representatives from the MWLA and the Discovery also met with Kevin Gauthier on August 3 to discuss planning opportunities given the recent discovery of Curly Leaf Pondweed on Rest Lake in Manitowish Waters. A copy of the draft Strategic Plan for Manitowish Waters is in Appendix XI.

Host Roundtable for Representatives of Lake Association Boards

Members of the Town Lakes Committee met with representatives from several lake associations on June 9 to review the status of AIS in Lac du Flambeau and actions being taken to combat AIS. A copy of the agenda is in Appendix XII.

Conduct Community Survey

The Town Lakes Committee worked with a new organization recently initiated by the Tribe, *Lac du Flambeau Environmental Community Organization (ECO)*, to design and administer a community survey on AIS and the environment to help both groups with long-term planning. After consulting extensively with a WDNR representative, Jordan Petchenik, the Town Lakes Committee received approval to administer the questionnaire. Five hundred residents identified at random received the survey and a stamped return envelope. About a week later, they also received a post card reminding them of the questionnaire and its importance. As a result, 54% of the recipients returned completed questionnaires. The survey results were summarized in a power point presentation which was shared with members on the Town Lakes Committee, Environmental Community organization, and Lac du Flambeau Lake Stewards. A copy of the questionnaire, postcard, and power point presentation are in Appendix XIII.

Conduct Focus Groups

Following an analysis of the community survey results, representatives from the Town Lakes Committee and the Environmental Community Organization jointly conducted focus groups on August 5, 10, and 12 to probe more deeply into the survey results. The first session was held exclusively for local high school students. The other two sessions were each attended by eight residents, four Tribal and four non-tribal. The results of the focus groups tended to support the data collected via the survey. A summary of the focus groups' input is in Appendix XIV.

Objective #2: Administer Efficiently and Effectively through Education of TLC Members/Partners

Attend Workshops of Organizations like Vilas County Partnership, Wisconsin Department of Natural Resources, Wisconsin Association of Lakes, Vilas County Lakes Association

The new AIS Coordinator for the Discovery Center attended a Clean Boats Clean Waters workshop and Lake Monitoring workshop in Springstead on July 17 presented by Iron County AIS Coordinator, Heather Palmquist. Several representatives from Manitowish attended the Lake Stewards Workshop, August 4 in

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Lac du Flambeau. Several representatives from Lac du Flambeau attended an AIS Partnership meeting hosted by the Invasive Species Coordinator for Vilas County. Three representatives from Lac du Flambeau attended the Minnesota/Wisconsin Invasive Species Conference in St. Paul on November 8-10.

Increase and Maintain Selections in Town Lakes Committee AIS Library

The Lac du Flambeau Town Lakes Committee added a few items to its library at the Town Hall while the Manitowish Waters Lake Association established a library of AIS source materials at the North Lakeland Discovery Center.

SECTION VI, 7f

Data Collected

Three forms were used to collect data: WDNR Form 3200-120; WDNR Form 3200-130; and, TLC Daily Log. Data collected via the first two forms were entered onto the WDNR website.

1. WDNR Form 3200-120 was used to collect data for watercraft inspections. The data were entered on the WDNR website regularly and additional data on hours and mileage were entered on the TLC Database.
2. WDNR Form 3200-130 was used to collect data for lake monitoring activities. The data were entered on the WDNR website and additional data on hours and mileage were entered on the TLC Database.
3. The Daily Log Form was the primary document used for all other grant-related activities. Data from the Daily Logs were entered on the TLC Database. A copy is on the enclosed disc.

The following tables summarize the data collected.

Watercraft Inspection Form 3200-120

The following table shows the number of hours volunteers spent inspecting watercraft each month in Lac du Flambeau and Manitowish Waters. According to requirements of the grant, volunteers from Lac du Flambeau needed to provide 375 hours of inspection and volunteers from Manitowish needed to provide 175 hours. The table shows that volunteers from Lac du Flambeau met the target by reaching 693 hours by the end of September, and volunteers from Manitowish were short by about 25 hours by the end of October. However, with approval of the WDNR, Manitowish paid an individual to inspect watercraft for an additional 50 hours, raising its final total to 199.83 hours and the grand total to 893.48.

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Month	Lac du Flambeau	Manitowish	Total
April	0.00	0.00	0
May	103.65	0.00	103.65
June	198.67	3.17	201.84
July	225.00	38.67	263.67
August	90.23	77.41	167.64
September	76.10	27.58	103.68
October	0.00	3.00	3.00
Totals	693.65	149.83	843.48

Lake Monitoring Form 3200-130

The following table shows the number of hours volunteers spent monitoring lakes each month in Lac du Flambeau and Manitowish Waters. According to requirements of the grant, volunteers from Lac du Flambeau and Manitowish needed to provide a total of at least 700 hours of lake monitoring. The table shows that volunteers met the target by accruing a total of 1507.55 hours through September: 1127.43 hours from volunteers in Lac du Flambeau; 380.12 hours from volunteers in Manitowish.

Month	Lac du Flambeau	Manitowish Waters	Total
April	14	0	14
May	188.17	9.08	196.25
June	136.75	11.67	148.42

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July	319.08	236.00	555.08
August	329.91	113.52	443.43
September	139.52	10.85	150.37
Total	1127.43	380.12	1507.55

Daily Log: Donations

Volunteers completed Daily Log forms for all activities and data not recorded on the WDNR forms. The following table lists the numbers of hours and miles provided by volunteers for activities accomplished in the grant through October.

Activity	Hours	Miles
Travel: Watercraft Inspection		5299
Travel: Lake Monitoring		520
Other Transportation		7242.35
Implement Lake Steward Program	559	
Conduct CBCW Workshops	26	
Conduct Lake Monitoring Workshops	47	
Conduct Purple Loosestrife Workshops	88	
Hire Watercraft Coordinator	1.5	
Encourage Inspections	2.7	
Plan CBCW Story Hour	1	
Encourage Volunteer Monitoring	125.2	
SCUBA Diving	70.75	
Promote CLMN	4	
Point Intercept Surveys	12.5	
One newsletter	17.81	
AIS Packets	121.75	
Brochure	29.1	
Press Releases	11.75	
Slogan/Imagery	7	
Lakes Fest	22.27	
Fourth of July	64.5	
Outreach	255.58	
Reception	42.83	
Rally	3	
Signage	20.5	

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	Hours
AIS Display	16
Purple Loosestrife Containment	197.65
LdF Strategic Planning	313
MW Strategic Planning	2.83
Roundtable	29.08
Community Survey	82.25
Focus Groups	32.08
Attend Workshops	47.75
AIS Library	1

Value of Volunteer Donations

The following table shows the value of volunteer's donated time and travel through September for Flambeau and through October for Manitowish. Time is calculated at \$12 per hour and mileage at .58 per mile. According to the grant, volunteers for Lac du Flambeau and for Manitowish need to contribute at least \$11,000 in donations. The target was reached in that donations were provided that exceeded \$64,000.

Month	Lac du Flambeau	Manitowish	Total
April	\$1,807.05	\$680.32	\$2,487.38
May	\$7,189.52	\$108.92	\$7,298.44
June	\$13,944.21	\$1,215.51	\$15,159.72
July	\$11,086.58	\$5,257.56	\$16,344.14
August	\$14,448.92	\$3,784.73	\$18,233.65
September	\$3,581.88	\$611.20	\$4,193.08
October		\$36.00	\$36.00
Totals	\$52,058.16	\$11,694.24	\$63,752.40

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SECTION VI, 7g

Description of Partnership

The Town of Lac du Flambeau's Town Lakes Committee, the Lac du Flambeau Band of Lake Superior Chippewa Indians, Manitowish Waters Lakes Association, and the Discovery Center were the primary partners in the grant.

- The Town of Lac du Flambeau administered the grant and acted as fiscal agent. The Town provided \$7,500 cash toward the grant, plus \$300 for the Volunteer Appreciation Reception. In addition, the Town Lakes Committee contributed significant volunteer hours by completing the activities listed in this report.
- The Lac du Flambeau Band of Lake Superior Chippewa Indians conducted point intercept surveys for Crawling Stone Lake, Pokegama Lake, and White Sand Lake valued at approximately \$4000 per survey. The Tribe also provided funds for rental of SCUBA equipment valued at \$300, supported the Volunteer Reception valued at \$300, provided student workers for the Loosestrife project valued at approximately \$480, and provided space and water at a local strawberry farm for raising *Galeracella* beetles. In addition, the Tribe provided personnel who assisted at the Lake Steward Workshop.
- The Town of Manitowish Waters provided \$3,500 cash toward the grant.
- The Manitowish Waters Lakes Association contributed volunteer hours by completing the activities listed in this application and provided postage and mailing services to reach over 300 members.
- The Discovery Center provided meeting rooms, advisor staff, library space for AIS materials, and land and materials for raising beetles.
- In addition to providing grant funds, the Wisconsin Department of Natural Resources provided materials, supplies, and expertise related to implementing CBCW, implementing CLMN, and containing Purple Loosestrife. The WDNR also provided major assistance in the *Action Plan for Containing Purple Loosestrife*.
- The Lac du Flambeau Environmental Community Organization (ECO) provided volunteers to help conduct focus groups and to administer a community survey.
- The following lake associations supported the grant.

White Sand Lake Association	Twin Placids Lake Association
Ike Walton Lake Association	Shishebogama-Gunlock Lakes Association
Squaw Lake Association	Spring (Jerms) Lake Association
Pokegama Lake Association	Crawling Stone Lakes Association
Moss Lake Association	Manitowish Waters Lake Association
Dead Pike Lake Association	

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SECTION VI, 7j

Plan for Sharing Results

Monthly Reports. The Town Lakes Committee, Tribe, and Manitowish Waters received reports monthly on the implementation of the grant. Documents were made available to the public on request through the Office of the Clerk, Lac du Flambeau.

Final Report. This report will have been placed on the Town of Lac du Flambeau website by January and paper copies will be available in the Town Hall. The Town of Manitowish Waters has been provided with a disc including the report and all attachments.