

**Surface Water Grant Application
Lake Management Planning,
Lake Protection & Classification,
River Protection, River Planning,
Aquatic Invasive Species (AIS) Control**

Form 8700-284 (R 10/01/19)

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Notice: Use of this form is required by the Department of Natural Resources for any application filed pursuant to chs. NR 190,191,195 & 198, Wis. Adm. Code. Personal Information collected on this form, will be used for administrative purpose and may be provided to requesters to the extent required by Wisconsin's Open Records Laws [ss.19.31–19.39 Wis. Stats.] **To be considered, applications must either be submitted electronically by the December 10th or February 1st due date or paper applications must be postmarked no later than by the December 10th or February 1st due date.**

Section 1: Application Type (check one)

Application Deadlines:

DECEMBER 10

Lake Management Planning Grant:

- ☐ Large Scale Planning ☐ Small Scale Planning

Lake Protection Grant:

- ☐ Lake Classification & Ordinance Development

Aquatic Invasive Species Grant:

- ☒ Education, Prevention & Planning
☐ Clean Boats, Clean Waters Use [Form 8700-337](#)

River Protection Grant:

- ☐ River Planning

YEAR-ROUND:

Aquatic Invasive Species Grants:

- ☐ Early Detection & Response ☐ Maintenance & Containment Use [Form 8700-323](#)

FEBRUARY 1

Lake Protection Grant:

- ☐ Land/Easement Acquisition
☐ Wetland & Shoreline Habitat Restoration
☐ Lake Management Plan Implementation
☐ Healthy Lakes Project

Aquatic Invasive Species Grant:

- ☐ Established Population Control

Rivers Protection Grant:

- ☐ River Management
☐ Land/Easement Acquisition

Section 2: Applicant Information

Project Title

Vilas County 2020 AIS Strategic Plan Implementation

Applicant Name (Organization)

Vilas County Land & Water Conservation Dept.

Authorized Representative (AR) Name

Jay Verhulst

AR Address (business/organization address)

330 Court St

AR Phone Number (include area code)

(715) 356-9744

AR Ext.

Contact Representative Name, if different from AR

Carolyn Scholl

Phone Number (include area code)

(715) 479-3682

Organization Type

County

AR Title

Vilas County Land & Water Conservation Committee Chair

City

Eagle River

State

WI

ZIP Code

54521

E-mail Address

verhulst@frontier.com

Contact Title

County Conservationist

Contact E-mail Address

cascho@vilascountywi.gov

Indicate if you have been approved as one of the following:

Qualified lake association, [Form 8700-226](#), nonprofit conservation organization or qualified nonprofit organization, [Form 8700-290](#), or river management organization, [Form 8700-287](#)? ☐ Yes ☐ No (If no, you must be approved prior to applying for a grant.)

Section 3: Project Information

Waterbody: Multiple

Waterbody ID (WBIC):

Project Area (Select all that apply):

- ☒ County-wide ☐ Multi-county ☐ Regional ☐ Lake ☐ River
☐ Other (specify):

Proposed Start Date

February 15

(Start Date)

2020

(Year)

Proposed End Date

June 30

(End Date)

2021

(Year)

County(ies)

Vilas

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Public Access: Is there public access to the waterbody of which the project is proposed? Attach a map showing all public access points.

☒ Yes ☐ No

Lake Acreage (if applicable): _____

Does this project include Laboratory sample analysis? ☐ Yes ☒ No

If yes, then complete [Form 8700-360](#) and indicate the lab service provider:

☐ State Lab of Hygiene

☐ Other Program-Approved Lab:

Consultation

Has the applicant had a pre-application grant scoping consultation with the Department? ☒ Yes ☐ No

Date of Contact

10/22/2019

Name of DNR Contact

Kevin Gauthier

Project Location

State Assembly District number(s):

34

State Senate District number(s):

12

Sponsor Type (city, village, town, etc. - ex. Holland, Town of)	Legal Description							
	Township (N)	Range	E or W	Section	Quarter	Quarter- Quarter	Latitude (North, 4 to 7 decimal places)	Longitude (West, 4 to 7 decimal places)
County of Vilas	N							
	N							

Section 4: Federal Nonpoint Source Program Funding Eligibility - For Lake Protection or River Protection Grants Only

Not applicable.

Section 5: Cost Estimate and Grant Request

List organization (e.g., school, town, county, nonprofit other management organization, etc.) other than the applicant that are providing financial support in the project. Identify the type of financial support (cash, volunteer hours, equipment, etc) and attach a copy of the organizations letter of financial commitment.

Organization Name	Type of Support	Amount of Support
Eagle River Chain of Lakes Association	Cash	\$519.48
Buckatabon Lakes Association	Volunteer hours	\$240.00
Are there federal dollars in this project? <input type="radio"/> Yes <input checked="" type="radio"/> No	Source of Federal Funds	

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Project Budget						
Costs for Each Category	Project Costs					Subtotal
	Activity	Time (hr.)	Cash Cost	Time (hr.)	Donated Value	
Salaries	AIS Program FTE	896	21,504.00			\$21,504.00
Salaries	AIS Program LTE	1,000	16,000.00			\$16,000.00
Supplies	AIS program supplies		3,746.91			\$3,746.91
Purchased Services	Weevil culturing services		6,874.09			\$6,874.09
Purchased Services	Purple loosestrife management		1,875.00			\$1,875.00
Wages & Emp. Benefits	AIS Program FTE 33% fringe				13,221.00	\$13,221.00
Wages & Emp. Benefits	AIS Program LTE 100% fringe				1,697.00	\$1,697.00
Purchased Services	CBCW on Eagle River Chain			24	519.48	\$519.48
Donated Services	Volunteer hours for weevil rearing			20	240.00	\$240.00
Travel & Training, Volunteer Service	AIS mileage				3,126.20	\$3,126.20
Subtotals			50,000.00		18,803.68	\$68,803.68
<input type="checkbox"/> Override Default State Share Percentage:	Alternative State Share %		Total Project Cost Estimate (Cash + Donated Value)			\$68,803.68
					State Share Requested	\$50,000.00

Education, Prevention & Planning Projects maximum grant - up to \$150,000 - up to 75% state share, cannot exceed cash cost.

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Section 6: Attachments (check all that are included)

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

- ☒ 1. Authorizing resolution
- ☒ 2. Letters of commitment if the project is receiving donation or cash contribution
- ☒ 3. Map of project location, boundaries, and public access
- ☐ 4. For projects sending samples to the State Lab of Hygiene or other DNR Certified Lab, complete a Surface Water Grant Project Lab Costs, [Form 8700-360](#)
- ☐ 5. For projects on state property, include a land use agreement or specify a date when you expect to obtain one

B. For first time applicants that are Lake Management Organizations (LMOs), River Management Organizations (RMOs)

- ☐ 1. Completed [Form 8700-226](#) (LMOs) or [8700-287](#) (RMOs)

C. For First time non-profit organizations or non-profit conservation organization

- ☐ 1. Copy of IRS 501(c)(3) determination letter and copies of your Articles of Incorporation and Bylaws
- ☐ 2. A completed [Form 8700-290](#)

D. For Land Acquisition

- ☐ 1. Completed [Form 1800-001](#), Environmental Hazard Assessment
- ☐ 2. Appraisal
- ☐ 3. Title insurance or commitment with supporting documentation

E. Design specifications, if applicable, for River Management or Lake Management Plan Implementation

Section 7: Certification

By submitting this application, I am requesting a variance from the DNR to ss. NR 190.05(4), NR 190.15(6), NR 191.05(1), NR 195.07(4), NR 198.23(1), NR 198.44(1), Wis. Adm. Code, as appropriate, to establish an application deadline of December 10 and February 1. The requested variance is in my interest and is essential to effect the necessary DNR grant actions and program objective of a uniform application deadline.



Signature of Authorized Representative

12/14/19

Date Signed

NOTE: Section 8 has a 10 page limit. Additional pages will not be considered.

Section 8: Project Description

A. Phased Projects:

Is this project being completed in phases? ☐ Yes ☒ No

B. Project Summary (2-3 sentences)

This project allows implementation of the newly revised Vilas County AIS Strategic Management Plan, which compliments the Vilas County Land & Water Resource Management Plan. Focal points of this project are AIS Coordinator services, assistance with biocontrol on purple loosestrife and Eurasian water-milfoil, additional AIS Early Detection Surveys, AIS boat launch signage inventories, increased outreach to lake service providers, and developing a strategy to boost local volunteer involvement.

C. Project Area and Public Access/Use

The project area is throughout Vilas County. The County has over 212 public access sites and the majority of this project will focus on lakes with public access. Boater traffic county-wide in 2019 averages 1.36 boats/hr on monitored boat launches. Specifically mentioned in our proposal are Ballard, Irving, and Big Muskellunge Lakes which are within the Northern Highlands American Legion State Forest; Tenderfoot Lake is adjacent to property owned by The Nature Conservancy; The Deerskin River has a section owned by the Northwoods Land Trust; and Upper Buckatabon is part of the Vilas County Forest.

D. Problem Statement

Vilas County is quite dependent on revenues related to tourism dollars, and one of the biggest attractions of the area are the lakes. In addition to the 212 public access sites mentioned above, the County is home to 180+ organizations that work on lakes. Members of these organizations need a local contact and coordinating entity to conduct their business efficiently and to facilitate networking.

E. Project Description and Timeline Matrix

1. Goal/Job Objective:

Provide on the ground AIS prevention, detection, and management field work services to Vilas County based lake organizations and general public.

1.a. Activity

Monitor priority lakes for AIS, including spiny waterflea sediment samples and zebra mussel veliger tows. At this time we are proposing Pioneer, Ballard, Irving, Big Muskellunge, and the Twin River. However additional lakes may be added to this list when comparing efforts with partners (DNR, GLIFWC, consultants, etc.). The DNR AIS Regional Coordinator will be contacted before lakes are surveyed.

Method and Data Collected

Staff will use the DNR's AIS Early Detection Monitoring in Lakes Standard Operating Procedure protocols.

Deliverable/Outcomes

Data will be reported into the SWIMS database. Any AIS Incident reports will also be entered into SWIMS.

1.b. Activity

Inventory boat launch signage in 5 of our 14 townships. Work with launch owners/managers to replace AIS signage as needed.

Method and Data Collected

Staff will drive to boat launches to collect data. Data will be collected using the AIS Signage Report (Form 3200-152 03/19) forms provided by UW-Extension Environmental Resources Center. Photos of existing signs and launch area will be taken.

Deliverable/Outcomes

New signage will be installed where needed. Data will be uploaded to SWIMS as soon as it is SWIMS compatible (the form is new and should be available for SWIMS entry 2020.)

1.c. Activity

Provide Clean Boats Clean Waters services for the Eagle River Chain of Lakes.

Method and Data Collected

Staff will educate and inspect boats using the UW-Extension Lakes protocols. Data will be collected on the CBCW datasheets.

Deliverable/Outcomes

CBCW education and inspections will resume on the Eagle River Chain for a total of 24 hours during the busy 4th of July weekend.

1.d. Activity

Coordinate and host an AIS Snapshot Day event.

Method and Data Collected

Work with local partners to coordinate a rendezvous site and attract volunteers according to protocols provided by the River Alliance.

Deliverable/Outcomes

Data will be entered into SWIMS. Any new AIS found will be reported to DNR.

1.e. Activity

Staff & local Cooperative Invasive Species Management Area WHIP will provide technical assistance to landowner volunteers to manage purple loosestrife sites by manual control, flower stripping, and biocontrol. Former biocontrol sites will be monitored.

Method and Data Collected

Staff will work with local volunteers & WHIP to raise Galerucella beetles and release at densely infested sites using DNR/UW-Extension methods. A permit will be submitted, beetle releases documented on the Purple Loosestrife Insect Release Field Report, and monitoring of accessible prior release sites will be documented on the DNR's Purple Loosestrife Site Revisit form.

Deliverable/Outcomes

Purple loosestrife sites will be better managed and data will be entered into SWIMS.

1.f. Activity

Assist DNR with any Rapid Response activities as needed during 2020.

Method and Data Collected

As new AIS infestations occur in 2020, staff will be able to assist DNR with any Rapid Response activities - communications, planning, etc.

Deliverable/Outcomes

Lake organizations will have local assistance in case of a need for a Rapid Response effort.

1.g. Activity

Offer technical assistance, supplies, and on-the-ground help when needed to the Buckatabon Lakes Association for increasing weevil densities as part of their integrated pest management efforts.

Method and Data Collected

Provide technical assistance in cooperation with Golden Sands RC&D, Center for Limnology, Many Waters LLC, and DNR staff to for the Buckatabon Lakes Association to culture, rear, stock, and measure outcomes by tracking both weevil and EWM densities as recommended by Susan Knight.

Deliverable/Outcomes

Pre- data will be collected on weevil and EWM densities. Post- data will follow, assuming 2021 funding can be coordinated. This monitoring will help determine if weevils are decreasing EWM acres of surface matting and rake fullness on Upper Buckatabon Lake.

2. Goal/Job Objective:

Maximize volunteer capacity for conservation efforts.

2.a. Activity

Investigate local volunteer capacity building & write report on how to maximize local participation on volunteer conservation activities.

Method and Data Collected

Staff will research social science of capacity building along with Vilas County demographics to suggest ways to increase volunteer efforts within the county.

Deliverable/Outcomes

A final report will be written on how to maximize volunteer capacity in Vilas County. Suggestions will be implemented at the discretion of the Land & Water Conservation Committee.

2.b. Activity

Host a workshop for those wishing to volunteer in a conservation field in Vilas County.

Method and Data Collected

A workshop will be held in a prominent location to attract multiple volunteers for many local agencies.

Deliverable/Outcomes

Agencies will more clearly define opportunities for volunteers. More volunteers will be matched with suitable programs.

2.c. Activity

Reach out to groups with no recent history in SWIMS of AIS monitoring efforts to join CLMN. Provide CLMN AIS Monitoring Training to interested Volunteers.

Method and Data Collected

Data will be reviewed from the Surface Water Data Viewer. If there are contacts on the lake, staff will contact them to encourage an AIS CLMN program and training. If there is no contact on the lake, letters will be mailed out to riparians.

Deliverable/Outcomes

Broaden the reach of CLMN AIS monitoring, provide more training for CLMN AIS monitoring. Attendee lists will be shared with UW-Extension Lakes.

2.d. Activity

Reach out to all known Vilas County Lake organizations for current contact info; reach out to property managers for boat launch information.

Method and Data Collected

Staff will email and call points of contact as needed. Data will include phone numbers, emails, addresses, types of boat launch, and manager of boat launch.

Deliverable/Outcomes

Data will be kept on internal spreadsheets. However, we will share the lake organization contact list with UW-Extension Lakes and the Vilas County Lakes & Rivers Association. We will share the boat launch information with DNR.

3. Goal/Job Objective:

Provide AIS Technical Assistance for lake organizations, consultants, and the public.

3.a. Activity

Plan and implement an AIS Handpulling Workshop in conjunction with Oneida County. This workshop targets both DASH operators and professional and volunteer handpullers.

Method and Data Collected

This training will use methods shown from Paul Skawinski, Squash Lake Association, and Tomahawk Lake Association.

Deliverable/Outcomes

Participants will be able to learn methods that effectively deal with Eurasian Water-Milfoil fragmentation and thorough-picking during a hand removal operation.

3.b. Activity

Offer CBCW & CLMN training, hosting at least 2 workshops of each.

Method and Data Collected

Connect with volunteers and lake organizations to provide trainings as requested.

Deliverable/Outcomes

Volunteers have local trainer, information on AIS is distributed, and lakes have state-program monitoring & inspections.

3.c. Activity

Provide AIS support and expertise upon request.

Method and Data Collected

Requests for information through walk-ins, emails, and phone conversations will be tracked.

Deliverable/Outcomes

Public can quickly access local information on aquatic invasive species.

3.d. Activity

Provide lake-oriented businesses AIS prevention assistance and tools.

Method and Data Collected

Reach out to lake businesses such as fishing guides, dock & lift workers, boat rentals, marinas, etc. to host a workshop based on their needs related to AIS prevention.

Deliverable/Outcomes

More lake-hopping businesses will be on board with the AIS prevention message and have tools and knowledge to prevent AIS spread.

3.e. Activity

Maintain contact with lake local organizations through meetings, listserv posts, conducting Vilas County Lakes Conservation Partners meeting at end of season; create county-wide AIS activity work plan strategy for 2021 based on the Vilas County Invasive Species Strategic Management Plan.

Method and Data Collected

Attend lake organization meetings where appropriate; send monthly communications via listserv to partners; hold annual meeting for lake organization partners; create 2021 county-wide work plan for AIS prevention, detection, monitoring, and control activities.

Deliverable/Outcomes

Story map of 2021 county wide AIS work plan; create more networking opportunities for Vilas county-based lake organizations.

4. Goal/Job Objective:

Increase public awareness on AIS & water quality issues.

4.a. Activity

Create 2-4 press release/news channel/radio spots on aquatic invasive species.

Method and Data Collected

Staff will work with local newspaper, TV, and radio to deliver interesting and science-based information on AIS.

Deliverable/Outcomes

Increased public awareness of factual AIS and water quality information.

4.b. Activity

Coordinate AIS Campaigns such as Drain Campaign, Landing Blitz, Bait Shop Campaign, and Waterfowl Hunter Campaign.

Method and Data Collected

Staff will work with local lake organizations and UW-Extension to find volunteers, distribute supplies, submit press releases, and report numbers of participants.

Deliverable/Outcomes

CBCW inspectors have incentive supplies to offer boaters and campaigns have greater statewide coverage.

4.c. Activity

Staff will create a news release on ephemeral wetlands.

Method and Data Collected

Staff will work with local newspaper, TV, and radio to deliver interesting and science-based information on ephemeral wetlands.

Deliverable/Outcomes

There will be more public awareness of the importance and vulnerability of ephemeral wetlands.

4.d. Activity

Deliver public presentations on AIS to public upon request.

Method and Data Collected

Staff will provide classroom or field presentations as requested. Data collected will be type of audience and how many were in attendance.

Deliverable/Outcomes

Increased public awareness of factual AIS information.

4.e. Activity

Work with youth on the Northwoods Invasive Species Poster Contest and the WI Land + Water Conservation Poster and Speaking Contests.

Method and Data Collected

Work with educators to promote, teach classes/workshops, hold the county poster and speaking contest, and assist with other related classroom presentation requests as needed.

Deliverable/Outcomes

Local youth will have an increased knowledge of AIS and water quality as part of their school experience.

5. Goal/Job Objective:

Maintain expertise on AIS issues.

5.a. Activity

Staff will register for professional level training as offered.

Method and Data Collected

Staff will attend Aquatic plant ID certification; Land & Water Conference, AIS Coordinators meetings, AIS ID trainings, CBCW Train-the-Trainer, and others as needed.

Deliverable/Outcomes

Staff will gain/maintain expertise in AIS.

F. Role of Project in Planning/Management of Water Body

This grant fits with the Vilas County Invasive Species Strategic Management Plan. It also fits with the Vilas County Land & Water Resources Management Plan Goal 3 "Protect aquatic, terrestrial, and wetland ecosystems from invasive species." To provide a more holistic approach to managing our surface waters, Vilas County is annually sponsoring and providing technical support for Healthy Lakes grants for any willing riparian owner (funded through other grants), as well as through our DATCP cost sharing program which provides landowners with more funding to complete projects to protect surface water.

G. Existing and Proposed Partnership

Partnerships with the local Cisma Whip will continue from this project due to their assistance with purple loosestrife management & monitoring. Weevil monitoring, rearing, and stocking with the Buckatabon Lakes Association is also supported by this grant. The Eagle River Chain of Lakes Association is using the county LTE (hire made possible by DNR grant funds) as the worker for the CBCW campaign.

H. Plan for Sharing Results

Results in particular from the weevil monitoring and study will be shared at the 2021 Lakes Convention. Results and set up of lake-oriented business outreach will be shared at a statewide AIS Coordinators meeting in 2020 or 2021.

I. Other

The Vilas County Board approved resolution for the grant will be submitted after their January 28, 2020 meeting. Please refer to Land & Water Committee resolution (approved to forward to County Board on 11/14/19).