


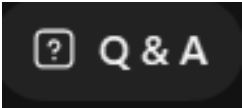
# Welcome!

## We will get started at 3:00 p.m.

### **2022 DNR AIS Control Grants Webinar**

Thursday, 1/27 3:00 – 4:00 p.m.

Some notes to prepare for the webinar:

- To see the closed captioning, click the “cc” icon at the bottom left of your screen 
- Due to the potentially high number of participants, you will be muted and cannot unmute, please submit questions in the Q&A at the bottom right of the screen 
- If you’re having connection issues, close out of other programs and consider disconnecting other devices from your home network (e.g., phones, other computers, streaming devices)



# 2022 Aquatic Invasive Species Control Grant Program

Jake Walsh

AIS Research & Grants Coordinator

# Program Background



Eurasian  
watermilfoil



Curly-leaf  
pondweed



Flowering rush

- Nearly \$5M in 1,200 grants from 2012-2017, 2020-2021
- Support invasive aquatic plant management
- Broad eligibility for a large number and wide range of local entities
  - E.g., lake associations, local units of government, tribes
  - Funds are used for reimbursement of expenses directly related to a control project
    - Pretreatment delineation survey
    - Treatment under an IAPM permit

# Funds for 2022

- One-time \$850,000 to lake associations to manage invasive aquatic plants
  - From summer 2021 legislative session
  - Specific to lake associations
- Up to \$400,000 in regular funds is also available to LGUs and tribes



# Eligibility for One-time Funds

- One-time funds are specifically for lake associations
- Regular program funds for ineligible organizations
  - Organizations with taxing authority or that are associated with local governments
  - Includes counties, cities and tribes as well as watershed districts, lake improvement districts, conservation districts and park districts
- We encourage lake associations to partner with LGUs and tribes
  - IAPM expertise
  - Many qualified to conduct aquatic plant survey work required in grant work plans

# Key Program Updates

- Two grant types:
  - Traditional Control Grants to all organizations
  - New Infestations and Innovative Control Grants to lake associations
- Two-year projects to all organizations and both grant types

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# Traditional AIS Control Grants



Eurasian  
watermilfoil



Curly-leaf  
pondweed



Flowering rush

- For all local entities including both lake associations and local units of government
  - \$400,000 of one-time funds for lake associations
  - Up to \$400,000 of regular program funds for other organizations
- Control project targeting traditional three AIS
  - Pretreatment delineation survey
  - Treatment under an IAPM permit
- All on-time and complete applications will be randomly ordered for selection



# Funding support for Traditional Control Grants

- Under 10 acres: \$1500
- Over 10 acres: \$1500 + \$150 per acre above 10 acres
- Grant awards will not exceed \$10,000 (\$20,000 for two-year projects)



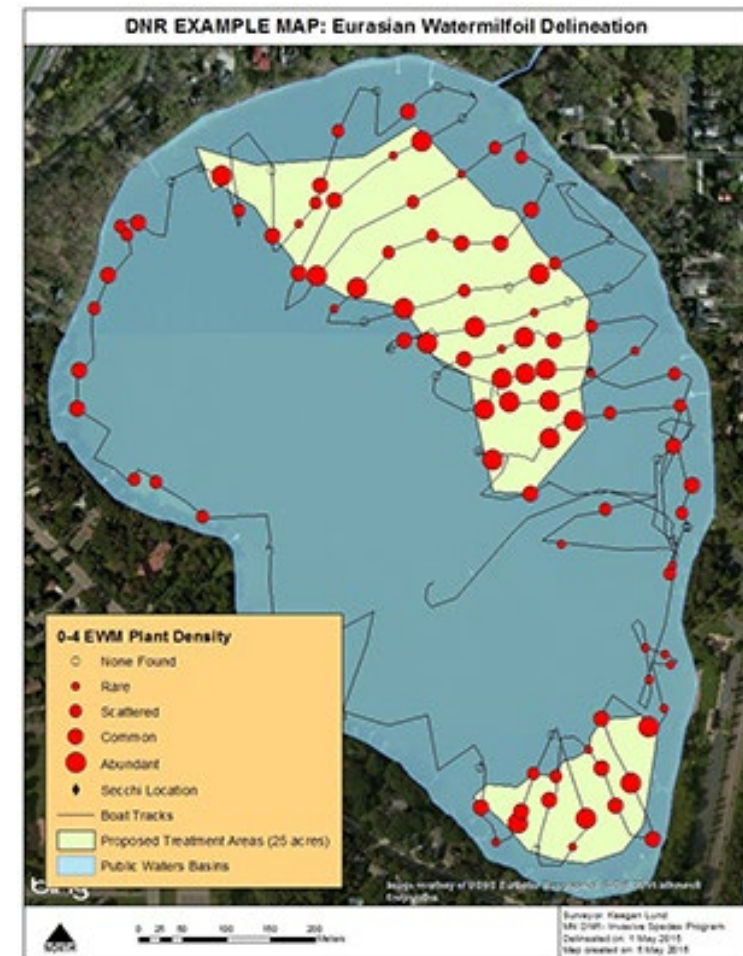
# Invasive Aquatic Plant Management Permit

- Projects conducted under an Invasive Aquatic Plant Management permit
- For grant application, applicants begin permit application or renewal using the MNDNR Permitting and Reporting System (MPARS)
  - PDF or screenshot of partially completed permit application submitted with grant application
- Proposed treatment acreages used to calculate grant award amount
  - Acreages reviewed and adjusted by Invasive Species Specialists
  - Purposefully overestimating proposed acreage creates more work and delays the review process
- <https://www.dnr.state.mn.us/invasives/iapm.html>
- <https://www.dnr.state.mn.us/mpars/index.html>



# Pre-treatment Delineation Survey

- Required for grant work plan, award supports survey expenses
  - Requirement can be waived if a survey from 2021 is approved by Invasive Species Specialist
- Submitting survey completes IAPM permit application
- Must be conducted by qualified third party (i.e., not the treatment contractor)
- [https://files.dnr.state.mn.us/eco/invasives/surveyors\\_ag\\_plants.pdf](https://files.dnr.state.mn.us/eco/invasives/surveyors_ag_plants.pdf)

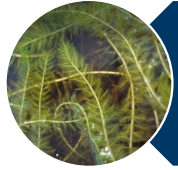


- Herbicidal, mechanical (harvest, hand-pulling, DASH) or some combination of treatment methods
- Must be conducted under and according to an IAPM permit, which considers treatment selectivity and adverse nontarget effects
- [https://files.dnr.state.mn.us/fish\\_wildlife/fisheries/apm/commercial\\_aquatic\\_pesticide\\_applicators.pdf](https://files.dnr.state.mn.us/fish_wildlife/fisheries/apm/commercial_aquatic_pesticide_applicators.pdf)
- [https://files.dnr.state.mn.us/fish\\_wildlife/fisheries/apm/commercial\\_mechanical\\_control\\_companies.pdf](https://files.dnr.state.mn.us/fish_wildlife/fisheries/apm/commercial_mechanical_control_companies.pdf)

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# New Infestations and Innovative Control Grants



Eurasian watermilfoil



Curly-leaf pondweed



Flowering rush



Starry stonewort



Yellow iris

- One-time special initiative to support:
  - Innovation in IAPM
  - Long-term monitoring and adaptive management
  - Organizations managing new infestations, who are often new to IAPM
- Specifically for lake associations (\$450,000)
- Supports a traditional control project + additional monitoring
  - Additional funds for treatment and monitoring
- Two additional target species: Starry stonewort, yellow iris

# Eligibility for New Infestation and Innovative Control Grants

- Must be a lake association
- Must meet at least one of the following criteria:
  - Target species infestation discovered within past two years (since January 1, 2020),
  - Project is a part of a DNR-approved Lake Vegetation Management Plan, OR
  - Applicant must have at least one year of aquatic plant community point-intercept survey data and describe how the project is innovative and/or adaptive

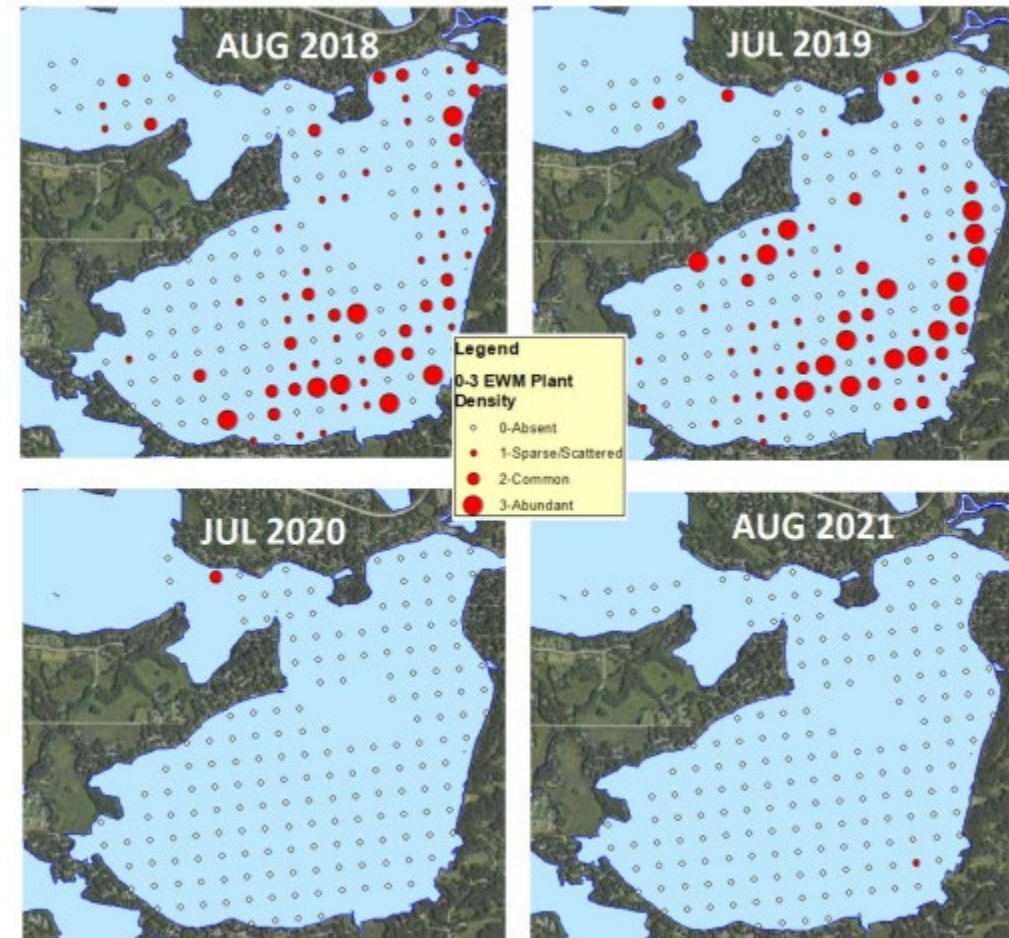
# Funding for New Infestation and Innovative Control Grants

- \$1000 for a pre-treatment delineation
- Treatment support depends on proposed method
  - Pesticide Control or Mechanical Harvest: \$400 per acre of proposed treatment
  - Hand-pulling or DASH: \$1,000 per acre of proposed treatment
- \$4,000 for additional point-intercept survey monitoring
- Grant awards will not exceed \$25,000 (\$50,000 for two-year projects)



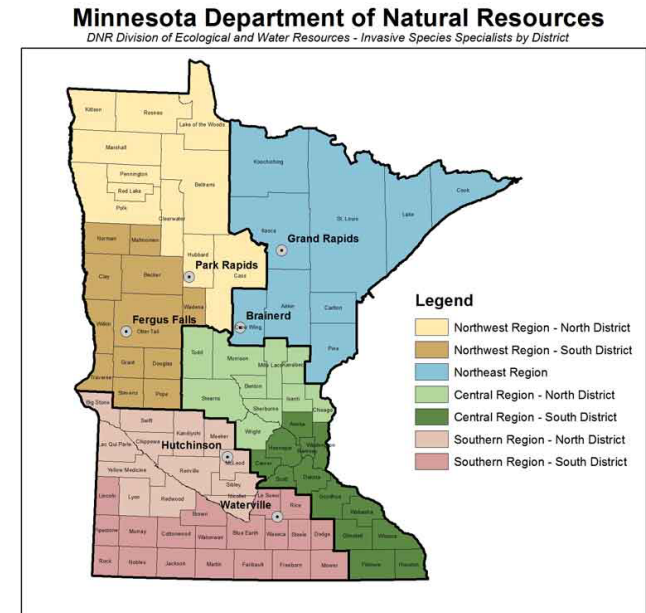
# Additional Monitoring Requirements for New Infestation and Innovative Control Grants

- Point-intercept surveys by a qualified surveyor
- DNR will develop a monitoring plan for the grantee
  - Must use provided data template
  - Three surveys: Pre-, Post- and One-Year-After-Treatment
  - Surveys must be whole-lake or > 10 acres, spanning the treatment area



# Competitive Review of New Infestation and Innovative Control Grant Applications

- New infestations (since January 1, 2020) will be prioritized first
- Review criteria for less recent infestations:
  - Efficacy and selectivity
  - Innovative components of proposed treatment
  - History of adaptive management and long-term monitoring
  - Separate management activities for other ecological benefits
  - Work under a DNR Lake Vegetation Management Plan
  - Project partnerships, especially with local units of government and under “One Watershed, One Plan”
  - Projects serving and/or implemented by racial and ethnic communities, including American Indians
- Top ranking application in each of the seven DNR Invasive Species Program Districts will be funded first, then top-ranking applications regardless of district will be funded until funds are spent



# What do we mean by “innovative”?

- Work that advances the state’s understanding of IAPM
- Treatment methods designed to reduce harm caused by nontarget effects and increase treatment efficacy
  - Highly selective herbicides (e.g., ProcellaCOR or whole-lake Fluridone treatment)
  - Highly selective mechanical methods such as hand-pulling or diver-assisted suction harvesting
  - Methods likely to provide > 1 year of control
- Promising methods that haven’t been used in a DNR region or a specific lake scenario (e.g., lake trophic state)

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# Two-Year Projects

- All applicants can propose a second year of treatment
- Treatment must occur before 7/1/2023
  - Some target species, like yellow iris, may not be viable for two-year projects
- Proposal will be reviewed by an Invasive Species Specialist for:
  - Likelihood that a second treatment will be necessary
  - Whether the second year of treatment can occur before 7/1/2023
- Additional grant support
  - Double support for delineation and treatment
  - Double maximum grant amount
- **If awarded, will not be eligible for an AIS Control Grant in 2023**



# Other Application Considerations

- One application per unique waterbody ID
  - Projects targeting multiple invasive aquatic plants will be summed for award calculations
  - Encourage coordination between organizations proposing work on same waterbody
  - Email early with questions about specific cases that may not fit this approach
- Only apply for one grant type
  - Applicants for “New Infestations and Innovative Control Grants” will have the option to be considered for a traditional control grant if they target Eurasian watermilfoil, curly-leaf pondweed or flowering rush
- Need a SWIFT Supplier ID or a federal tax ID for a SWIFT Supplier account
  - Organization’s federal tax ID number is enough for application
  - Need SWIFT account and supplier ID if awarded a grant

# Program Timeline

- Application Period: January 21 – February 21
- Application Review and Selection: Late February – Early March
- Grant Award Notification: Mid-Late March
- Grant Work
  - Begins after receiving fully signed and executed official Grant Award Notification
  - One-year projects completed by October 15, 2022
  - Two-year projects completed before July 1, 2023

# How to Apply

- Now accepting applications
- Application Deadline: 9:00 a.m. Monday, February 21
- Instructions and materials located on program webpage:  
[https://www.dnr.state.mn.us/grants/aquatic\\_invasive/control-projects.html](https://www.dnr.state.mn.us/grants/aquatic_invasive/control-projects.html)
- Steps:
  1. Apply for or renew an IAPM permit, save PDF or screenshot of completed application
  2. Complete the electronic grant application
    - Free Adobe Reader, not an internet browser, allows for both filling and e-signing
    - Signature must be from someone with designated authority to sign grant contract
  3. Return evidence of IAPM permit application, and filled and signed grant application to [jake.walsh@state.mn.us](mailto:jake.walsh@state.mn.us)



# Thank You!

Jake.Walsh@state.mn.us

Grant Program Webpage:

[https://www.dnr.state.mn.us/grants/aquatic\\_invasive/control-projects.html](https://www.dnr.state.mn.us/grants/aquatic_invasive/control-projects.html)

Regional Invasive Species Specialists:

<https://www.dnr.state.mn.us/invasives/ais/contacts.html>