

Minnesota DNR Grants for Control and Prevention of Aquatic Invasive Species



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DNR Mission

- ❖ Work with citizens to conserve/ manage state's natural resources
- ❖ Provide outdoor recreation opportunities
- ❖ Provide for commercial uses of natural resources to create sustainable quality of life



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Grants

Financial assistance directory

The Financial Assistance Directory provides summary level information on all of the Department of Natural Resources' financial assistance programs. Take a moment to browse through the directory-- you will find the department offers a wide variety of financial assistance programs to cities, counties, townships, non-profits, schools, private individuals and others.

Look for grants

by category

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Aquatic invasive species grants

- [Aquatic invasive species prevention grants & partnerships](#)
- [Early Detection and Rapid Response for Eurasian Watermilfoil or Flowering Rush](#)
- [Control of Eurasian watermilfoil on a partial-lake basis to reduce interference with recreation](#)
- [Pilot projects to control Eurasian watermilfoil or curly-leaf pondweed on a lake-wide basis](#)

In November, 2008, the Invasive Species Program held two meetings with citizens to provide an overview of the grant program planned for 2009 and get feedback on these plans. In particular, we discussed grants for both nuisance and lake-wide control of invasive plants such as Eurasian watermilfoil and curly-leaf pondweed. The [presentation PDF](#) (1.3 Mb) given at these meetings may be viewed online.

Control Grants

- ❖ Lake-wide treatment for ecological benefits
- ❖ Partial lake treatment of recreational nuisance areas
- ❖ Early-detection and rapid response treatment of small areas

Control Grants

- ❖ Curly-leaf pondweed (*Potamogeton crispus*)
 - ❖ approx. 760 waterbodies in MN
- ❖ Eurasian watermilfoil (*Myriophyllum spicatum*)
 - ❖ approx. 240 waterbodies in MN
- ❖ Flowering Rush (*Butomus umbellatus*)
 - ❖ approx. 30 waterbodies in MN

Lake-wide treatment for ecological benefits

- ❖ Curly-leaf pondweed, Eurasian watermilfoil, or both
- ❖ Herbicide:
 - ❖ Triclopyr, endothall, possibly fluridone
 - ❖ **No 2,4-D Herbicide Allowed**
- ❖ Early – season
- ❖ Must treat all target plant
- ❖ Funding: \$440,000 in 2010
 - ❖ Based on size of littoral zone of lake
 - ❖ Funding ranged from 34% to 100% in 2010
 - ❖ Out of 53 applications, 26 projects in 2010

Partial Lake Recreational Nuisance Grants

- ❖ Eurasian watermilfoil or flowering rush
- ❖ Herbicides or Harvesting
 - ❖ No 2,4-D Herbicide Allowed
- ❖ Treatment of recreational nuisances in public use areas
 - ❖ No treatment within 150 feet of private shoreline
 - ❖ No treatment in areas where there is no recreational nuisance
- ❖ Funding: \$130,000 in 2010
 - ❖ Based on size of littoral area of lake
 - ❖ 20 projects in 2010

Early-Detection/ Rapid Response

- ❖ Eurasian watermilfoil or Flowering rush
- ❖ New, small, contained areas
- ❖ Herbicides, possibly mechanical
 - ❖ No 2,4-D allowed
- ❖ Must treat all of the target plant
- ❖ Funding, \$20,000 available in 2010
 - ❖ \$3,000 maximum per project
 - ❖ One project in 2010

Prevention Grants

- ❖ Public Awareness Projects
- ❖ DNR signs at water accesses
- ❖ Watercraft Inspections

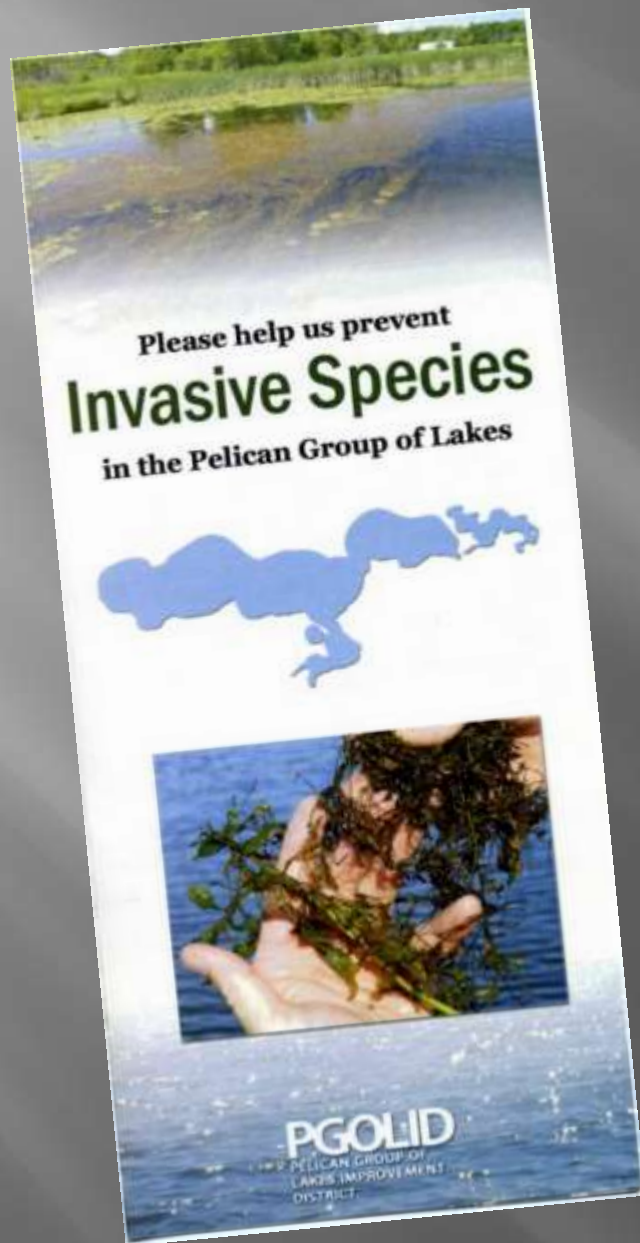
These Grants are intended to help prevent the spread of aquatic invasive species, especially zebra mussels and spiny waterfleas

Public Awareness Projects

- ❖ Custom Projects
- ❖ Standard Projects
 - ❖ Billboards
 - ❖ Newspaper Ads
 - ❖ Radio Ads
 - ❖ Brochures
- ❖ Funding, \$36,000 in 2010
 - ❖ Required 1:1 match with cash or volunteer time
- ❖ 26 Projects in 2010

Custom Public Awareness Project





Custom Public Awareness Project

Help Stop Aquatic Hitchhikers



- ✓ **Inspect** your boat, trailer, and equipment and **remove** visible aquatic plants, zebra mussels, and other animals *before* leaving a water access.
- ✓ **Drain** water from the bait container, livewell, bilge, and transom wells *before* leaving a water access.
- ✓ **Dispose** of unwanted bait in the trash.
- ✓ **Spray/dry** your boat, trailer, and equipment *before* going to another water body.



www.dnr.state.mn.us/invasives/index.html



**STOP AQUATIC
HITCHHIKERS!**
Be a part of the solution.
Don't be a hitchhiker.

www.ProtectYourWaters.net

Standard Public Awareness Newspaper Ad

DNR Signs at Water Accesses

- ❖ DNR provides the sign (large or standard)
- ❖ Grantee:
 - ❖ Arranges for permission to post the sign
 - ❖ Provides sign post and posts the sign
- ❖ So far, 119 large signs and 124 standard signs
- ❖ Still accepting sign grant applications



HELP STOP AQUATIC HITCHHIKERS!

To avoid spreading aquatic invasive species

BEFORE launching ... BEFORE leaving:

- **Remove** aquatic plants and aquatic animals
- **Drain** lake or river water away from the landing
- **Dispose** of unwanted live bait in the trash

It's the Law ... Do Not:

- Transport aquatic plants, zebra mussels, or other prohibited species on public roads
- Launch a watercraft or place a trailer in the water if it has aquatic plants, zebra mussels, or other prohibited species attached
- Transport watercraft without draining water, removing the drain plug, and opening water-draining devices

Minnesota Department • of Natural Resources

Standard
DNR Sign
(18 in x
24 in)

Large DNR Sign (3 ft x 4 ft)



HELP STOP AQUATIC HITCHHIKERS!

It's the law: BEFORE launching ... BEFORE leaving you must

- **Remove** aquatic plants, zebra mussels, and other prohibited invasive species.
- **Drain** lake or river water away from the boat ramp.

inspect the
locations
shown



It is unlawful to:

- Transport aquatic plants, zebra mussels, or other prohibited species on public roads
- Launch a boat or place a trailer in the water if it has aquatic plants, zebra mussels, or other prohibited or regulated species attached
- Transport watercraft without draining water, removing the drain plug, and opening water-draining devices
- Dispose of unwanted live bait in the water or on the ground.

Penalties up to \$1,000 Call TIP to report violations: 1-800-652-9093

Minnesota Department of Natural Resources

Watercraft Inspections

- ❖ In addition to normal access inspections done by DNR staff
- ❖ Done by DNR Watercraft Inspectors
- ❖ Grantee paid for set number of inspections at \$12/hour and an equal number were done for free
- ❖ Lake groups could also purchase additional inspection hours in blocks of 500 hours for full price (\$15.25/hour)
- ❖ 17,000 hours done under this program

Funding in 2011

- ❖ Current plans are to continue these grant programs in 2011
- ❖ Prevention grants and Lake-wide treatment grant applications should be available in late November, 2010
- ❖ Nuisance treatment and EDRR grant applications should be available in the spring / summer of 2011
- ❖ Information about these grant programs will be posted on the DNR website



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