

Eurasian Milfoil Control Plan 2016 - 2018

1. Follow State National Pollutant Discharge Elimination System Permitting Requirements

Herbicide Applications:

- a) Timing Window: Stay 500 feet away from loon and grebe nursery pools July 15 to September 1.
- b) Permittee must follow specific restrictions and advisories, such as swimming and drinking water restrictions noted in permit and on herbicide labels
- c) Residential and Business notifications by mail within ¼ mile in each direction of treatment area at least 10 days prior, and no more than 42 days prior.
- d) Email a copy of the Residential and Business notification to Ecology, along with the date of distribution, and list of addresses notice was sent to, no later than one business day following public distribution.
- e) Email pre and post herbicide treatment notifications to Ecology the Monday before treatment and by the Friday after treatment.
- f) Prevent further permanent impairment of water bodies listed on the 303(d) list for phosphorus as a result of treatment.

Alternative Controls: Bottom Barrier Mats & Diver Suction Weeding

- a) WDFW Pamphlet Permit applies
- b) Pamphlet Permit will be issued with each Bottom Barrier Mat distributed

2. Follow State Grant Requirements

Project Short Description

The RECIPIENT will incorporate alternative control measures into the Eurasian watermilfoil Control Plan as designated in the IAVMP Addendum of 2013. The goal is to initiate shoreline property owners to take an active part in milfoil control, offering the availability of three choices for control options. Two options, benthic mat placement and diver suction weeding are proposed as demonstration projects for use in shallow dock and swimming areas.

Project Long Description

Eurasian watermilfoil was first discovered in Newman Lake, September 2002. Control efforts have been ongoing annually since then. Large infestations of milfoil have caused interference with recreational activities. The RECIPIENT will implement alternative control measures into the Eurasian watermilfoil Control Plan, as designated in the 2013 IAVMP Addendum. The goal is to initiate active participation from shoreline property owners to take responsibility of milfoil control from the three appropriate options. Two options, benthic mat placement and diver suction seeding in shallow dock and swimming areas will be presented as Demonstration Projects for shoreline residents who want to use alternative controls within dock and swimming areas. These areas have proved difficult to locate and treat milfoil in the past, due to difficult access by survey and treatment boats. The third option is the standard herbicide control.

The RECIPIENT will control the large acreage milfoil populations that typically inhabit the north and south shorelines where no private residential areas exist.

Overall Goal

To reach a sustainable level of milfoil management that falls within the annual RECIPIENTS budget and encourage and promote shoreline resident responsibility by utilizing private funds under the Adopt-A-Shoreline Program. The shoreline community has requested the use of alternative control measures in order to reduce the use of herbicides in shallow dock and swimming areas. The RECIPIENT responded by submitting an IAVMP

Addendum in 2013, and has begun the process of educating shoreline residents in the use of alternative control measures such as diver suction weeding and benthic mat placement in appropriate areas of the lake, where those options may be applicable.

Efforts will continue to encourage shoreline residents to take responsibility for funding milfoil controls within shallow dock and shoreline areas, so that the RECIPIENT can concentrate efforts on the larger, deeper, infestations.

- 3. District budget to assist with coordinating, facilitating, and funding herbicide treatments of acreages within north and south shorelines**
 - a) District plans to continue to survey Newman Lake at least twice a year (when feasible).
 - b) District plans to continue to provide bid and contract management for milfoil control projects
 - c) District plans to apply for and manage Aquatic Plant Management grants as they are available
 - d) District plans to continue to ensure State Permitting is in place
 - e) District plans to continue to coordinate and educate Newman Lake residents about Eurasian milfoil and appropriate control measures

- 4. District will provide survey maps and GIS shapefiles of survey results to contractors, so they can locate control sites.**
 - a) Maps will be used to educate residents and the public about the presence of Eurasian milfoil
 - b) Milfoil Representatives maps will be released to the residents and the public each year in the Newsletter and on the NLFCZD webpage.

- 5. District to Initiate Adopt-A-Shoreline Program to encourage shoreline property owners to share responsibility for milfoil control.**
 - a) **Coordinate with District Staff and facilitate private control measures.**
 - b) **Utilize Milfoil Representatives/Volunteers to help identify milfoil locations within their areas.**
 - c) **Notify shoreline property owners' if/when milfoil is located within the shoreline of their property.**
 - d) **Encourage shoreline residents to pool funds and pay contractors directly.**
 - e) **Encourage Newman Lake residents to donate private funds for Eurasian milfoil control**

- 6. Three options for milfoil control**
 - a) **Herbicide treatments for acreages of milfoil**
 - b) **Alternative Control - Bottom Barrier Mats** for small shallow populations
 - District has mats available for free to those residents with verifiable milfoil.
 - Residents will need to apply for a mat, (i.e. fill out application)
 - Residents will be issued a Pamphlet Permit from Fish & Wildlife with their mat.
 - Residents can place mat themselves or pay a diver to place mats if they wish.
 - c) **Alternative Control - Diver Suction Weeding** to remove plants within shallow dock and swimming areas.
 - Encourage shoreline residents to coordinate with Milfoil Representative to pool funds and pay contractors directly if/when they need to have a diver remove milfoil from their area.