

## HLWAI Weed Management Assistance Plan

Background: In mid-January, the HLWAI Board met with Linda Ely of Kootenai County to establish the weed management actions would be taken next summer by the county and how the Association might be of assistance in weed management on Hayden Lake. It should be noted that the county effort is solely to address the evasive specie, Eurasian milfoil, while Hayden Lake residents and their Association is interested in a broader spectrum of weed control. Four weed management actions have occurred in past years and are expected to occur this year on Hayden Lake; Chemical Treatment, Diver Dredging, Barriers and Floating Weed Mat Harvest.

### Chemical Treatment:

Chemical treatment of weeds can only be implemented by the county. Chemical treatment by private parties is not legal without the proper permits, which are difficult for a non-governmental entity or private party to obtain. The herbicide used is a form of 2-4-D. The county has less funding in past years to address milfoil. It plans to treat 218 acres of Hayden Lake this coming summer. The Association can assist the county and through this assistance stretch the funds that can be applied to chemical treatment. The two areas of assistance are to help organize public awareness meetings on the herbicide use and to post docks with the required notice in the area of herbicide use and out from that area the prescribed distance. Dock posting will require a boat with operator and one other person to post notices with a staple gun.

Association Action Items		
Action Item	Locations	Dates
Organize Public Meetings		
Post Notices		

### Diver Dredging:

Diver dredging involves hired divers who hand pull and bag milfoil for disposal onshore. The county will fund a limited amount of diver dredging. The divers time on the lake is maximized if they are able to dock their boat on the lake while working over a period of days. The Association can arrange for a moorage space like it did last year. Diver dredging does not require a permit. Lakeshore owners can hire this service. The Association can create a list of firms supplying this service and their rates. A location is required to compost the milfoil. The Association can assist in finding composting locations.

<b>Association Action Items</b>	
<b>Action Item</b>	<b>Complete by</b>
Create list of diver contractors to dredge weeds and place barriers.	
Find moorage for diver's boat	
Find location for composting aquatic weeds generated from both diver dredging and weed harvest	

Barriers: Barriers are PVC (polyvinyl chloride) blankets that can be staked to the lake bottom. These blankets shut off the sunlight to aquatic weeds inhibiting the growth. They can be moved to a new location after four or five weeks. This approach can limit weeds over much of the shallow area offshore of lakeside homes. A permit is required from the Idaho Department of Lands (IDL) to place these barriers. The county has placed two barriers at the Honeysuckle swim area within the docks. This barrier will be moved outside of the swim area once the swim season starts. Barriers appear a more economical means to discourage aquatic plant growth. The problem is receiving a permit from IDL. The county is considering using its permit to allow private parties to place barriers. Some means of indemnifying the county would be necessary. The county will require citizens' support in order to sell IDL on this approach to allowing lakeshore owners to have barriers placed. Another approach might be for the Association to hold the permit.

<b>Association Action Items</b>	
<b>Action Item</b>	<b>Complete by</b>
Provide comment support for county using its IDL permit for barriers installed by private landowners	
Investigate permit application for Association	

Weed Mat Harvest:

Weed harvest was practiced by the residents of Bobs' Bay last summer. The floating mat of vegetation was skimmed and collected by a private contractor. The material collected is thought to be cut or released elsewhere in the lake. No harvest of rooted weeds occurred. The required permitting was completed by the contractor. Costs were covered by some residents of Bobs' Bay. The weed harvest last summer used up the available space for composting so a new location is required. The experience gained at Bobs' Bay might be applicable elsewhere in the lake were mats of cut vegetation are found.

<b>Association Action Items</b>	
<b>Action Item</b>	<b>Complete by</b>
Incorporate talk & slides of Bob's Bay weed harvest experience for presentation at public meetings	