

## **Lake Minterwood Beach Club**

### **Highlights of Board of Trustees Meeting of October 20, 2014**

#### **Review of Visit by Consulting Arborist Tom Brobst**

Several trustees met with Arborist Tom Brobst on Oct. 11, 2014 to get advice on the health of trees in Lake Minterwood. He covered indications of disease in trees, especially root rot; proper trimming; recommended removal of willows and several alders; and surveyed trees in LMBC's common areas. The trustees plan to invite Tom come to a special meeting for LMBC members sometime in the spring when members can learn about living with our large trees, recognizing diseased or stressed trees, and consulting with him individually if desired.

#### **Road Striping on Key Peninsula Highway from 302 turnoff to Key Center**

Pierce County recently restriped SR-302 from Purdy to where SR-302 turns off towards Allyn. This double-width striping enhances visibility (especially in dark or rain) and, according to the WA Dept. of Transportation website, tends to lower speed as the highway appears a bit narrower. The LMBC Board of Trustees voted to send a letter to Pierce County (County Commissioner Stan Fleming and the county road department) requesting that such double striping be continued on Key Peninsula Highway from where SR-302 turns off towards Allyn all the way to Key Center.

#### **Aquatic Weed Treatment Delayed Until Spring**

The trustees desire to significantly reduce the cattail growth in Lake Minterwood especially along the fishing bank area. On the advice of our lake management contractor Doug Dorling of Northwest Aquatics, treatment to reduce the cattails is being deferred until spring as treatment now would be less effective.

#### **Lake Maps**

After a recent survey of the lake by Doug Dorling of Northwest Aquatics, we now have contour maps showing the depth of the lake and a map showing aquatic vegetation in the lake. The former will be helpful in analyzing possible seepage paths in the lake.

#### **Work to Mitigate Lake Leakage**

Trustee Robin Harvey has developed a mathematical model of Lake Minterwood incorporating rainfall, runoff, evaporation, well output, and most recently incorporating transpiration from trees near the lake. The overall error in the lake level model is less than one tenth of an inch! It has been known for years that there is leakage from the lake. The lake model predicts that the leaks are shallow, some 58 inches below full or about two feet below current lake level. The shallowness of the leak implies that shorter piling or other measures may be sufficient to stem a significant portion of the leakage. The lake contour map reveals indicates the lake bottom is mostly below -96," so most of the leakage is not through the lake bottom. Robin has mapped out an area where the shallow

leak is most likely. He proposed that scuba divers place sections or rolls of plastic on the lake bottom to try to find areas where the sheeting gets sucked downward by leakage thereby pinpointing leaks. Trustee Rick Anderson, a scuba diver, will find other divers to help. This process will begin soon primarily in the beach area.

In addition, the board is contracting with Materials Testing and Consulting to drill core samples primarily in the southwest area of the beach, a likely leakage area. This data will help us determine if relatively shallow sheet piling (thus less expensive) would suffice to staunch leakage with may be occurring in this area. This work could occur in November.

### **Doggie Bag Stations Installed**

Trustee Chad Master has installed two doggie bag stations, one at the beach area and one at the dam. Dog walkers—please use these!

### **Board Notice to Members in Arrears on Dues**

The board of trustees is sending a letter to members who are in arrears in paying their dues or other obligations to the LMBC. They will be encouraged to make payment in full or to promptly contact Felice Capone at 884-2934 to set up a payment plan and make an initial payment. Members can now pay dues with credit or debit cards by using PayPal at the LMBC's web site.

### **Lake Minterwood Beach Club Web Site Enhancements**

The LMBC's web site may soon include a lake contour map, a "lost and found" section, and perhaps a "new news" section. Visit the site regularly for updates.