

***City of Tumwater***  
***Barnes Lake Management District***  
***Steering Committee Meeting Minutes***

June 11, 2008  
6 p.m. – 8 p.m.

**Tumwater City Hall**  
**555 Israel Road SW**  
**Tumwater, WA 98501**

**I. Call to order**

Chair Peterson called to order the regular meeting of the Barnes Lake Steering Committee (BLMD-SC) at 6:00 p.m. on June 11, 2008 at the Tumwater City Hall.

**II. Roll call**

The following members were present: Chair Kathy Peterson, Vice-Chair Ron Lumaguip, Bill Baxter, Gary Bodeutsch, Dana Day, Bob Hayes, Judith Loft and Staff Representative Smith. Rosemary Walsh was excused. John Swander was unexcused. NWA Representative, Doug Dorling, was also in attendance.

**III. Additions to the Meeting Agenda:** None

**IV. Approval of minutes from last meeting**

BLMD-SC accepted the May 2008 meeting minutes as written.

**V. Open Issues**

**a) NWA Treatment & Survey Update**

Doug Dorling, Northwest Aquatic Ecosystems (NWA), provided an update on the survey and treatments for 2008.

NWA conducted the first survey of the lake this season on June 8<sup>th</sup>. Dorling reported that an additional four acres of open water has resulted from the treatments in 2007, far surpassing expectations given the conservative approach to the treatments. Dorling stated that he feels a conservative approach is still necessary, so to continually minimize the potential for large masses of decaying vegetation uplifting to the lake's surface.

Dorling examined one mass that has appeared in the lake since last year. He reported that he will be experimenting with removal/eradication methods of these over the summer and feels that there are a number of methods that will be successful in keeping removal costs minimal. Dorling was able to penetrate the masses with a stake, suggesting that simply breaking these masses apart may work well.

Dorling explained that they are also considering an experimental application of a biological microbe in the lake. The microbe is designed to digest dead organic material and lake sediments from the bottom of the lake. The microbe may also be

helpful in eradication of the floating masses, as they consist mostly of sediments trapped in the decaying root systems of the treated lily pads. According to Dorling, there are no environmental or public health side effects of using the microbe in the lake. Smith asked if the by-product of the microbes, carbon dioxide, would be sufficient enough to raise pH levels in the lake, as that is already a concern. Dorling stated he would look into it.

Regarding the vegetative cover, Dorling reported that 90% of the lake is covered with the non-native fragrant water lily, *Nymphaea odorata*. NWA attempted the first treatment of the season today, but weather conditions prevented them from going out on the lake. They will try again on the 12<sup>th</sup>. Dorling stated that most properties have been notified, with the exception of those properties adjacent to the launch site. Those properties will be notified the day of treatment.

Dorling reported that some areas along the lake are hard, capable of holding weight, suggesting that there are some areas where the soft sediments seen in most locations around the lake are not contiguous and that shoreline access is getting better. Dorling asked whether there are some areas along the shoreline of the Condo Assn that should be treated (refer to New Issues, Item b.) Dorling stated that the shorelines will only be accessible for approximately the next three weeks, so if there are any areas the SC would like addressed, he needs to know quickly.

Dorling restated that the treatments for 2008 would expand the existing channels and open space areas of the lake. He will avoid the patches of brasinia and spatterdock identified during the vegetation survey. The first treatment is taking place now; the second will begin approximately 2-3 weeks later and the 3<sup>rd</sup> will be a month or so later.

The Steering Committee commended Doug Dorling and the NWA staff for successful completion of the treatments to date and taking the time to attend the Steering Committee meetings to provide updates. Chair Peterson also thanked SC Members Baxter and Day for their contributions to the LMD projects and continued support of the overall LMD effort.

A discussion on the public outreach meeting, scheduled for 9/10/08, and what elements would be reviewed at the meeting. One suggestion was for the identification and eradication of noxious and/or non-native weeds. Smith stated that an item to confirm the agenda for the outreach meeting would be added to the agenda in coming months.

**b) Lake Level Gauge Installation Update**

Staff Rep Smith reported that the top half of the gauge has been installed at SC Member Baxter's residence. The gauge is viewable from Lake Park Drive using binoculars, and should be useful for NWA in determining the level of treatments that can be completed given the water levels. Smith stated that once water levels drop enough, he will install the second piece of the gauge.

**c) Outreach Letter Update**

Staff Rep Smith provided copies of the outreach letter previously accepted by the Steering Committee. Smith reported that he made some revisions and wanted a final review to ensure they were acceptable. The letter was reviewed by the Committee

and accepted unanimously. Smith reported that he would compile the mailing list consisting of both tenants and landowners; the mailing would go out on Friday, June 13, 2008.

**d) Budget and Assessment Update**

At the time of the meeting, the budget and assessment update was not available. Smith reported that he would provide an update via email.

[Update provided by Smith via email dated 6/16/08: ] As of 6/16/08, \$15,337.00 has been received to date from the collection of LMD assessments. There are currently 14 parcels outstanding for 2008, seven of which continue to owe for two or more years. The total amount outstanding for 2008 equals \$1,968.00. Three of the seven properties have had liens filed; the remaining four parcels that owe for the last two years may have a similar action taken toward the end of the year.

Recent expenses include purchase of the lake gauge in the amount of \$83.50. The \$2,000 committed by the LMD to the Golder Lake Assessment project is still in reserve, as an invoice from Golder Associates has not yet been received. The available balance of LMD funds as of May 7 is \$35,728.

**VI. New Issues**

**a) Addition of Rock at Day Residence**

During the 2008 pre-treatment survey conducted by NWA, Dorling and SC Member Day discussed the addition of rock along Day's shoreline to facilitate access by NWA's larger air boat. The air boat would be used for early season treatments and during the removal of the floating masses, as necessary. Removal of floating masses would most likely take place in January or February while lake levels are at their highest. Dorling stated that Day's residence has the best access for a boat of that size.

Dorling provided basic specs for the application, calling for "rip rap" style rocks overlain by smaller ¾" rock. His estimation for what would be needed is ~10-15 yards of rock to span 12-14' wide at the low water mark.

During their initial survey, NWA was able to launch the airboat, however a lip along the shoreline made removal of the boat difficult. Addition of the rock would make this process much easier for the larger airboat. While the airboat was on the lake, NWA was able to access most parts of the lake successfully and is interested in using the boat in upcoming seasons. Access provided by the Lyons residence is still sufficient for launching smaller boats.

**b) Shoreline Treatments**

The Steering Committee discussed the possibilities of shoreline treatments above the lake's high water mark. Concerns were raised relating to the narrow scope of the Barnes LMD work limiting treatment activities to the lake. The Steering Committee confirmed that any work conducted within the lake was appropriate, however any activities relating to vegetation management (or anything else) above the high water mark would be the responsibility of the property owner.

Smith stated that there may also be some permit requirements for large scale shoreline treatments. He will follow-up with planning staff.

**VII. Adjourn**

Chair Peterson adjourned the meeting at 7:40 p.m. The next steering committee meeting will be held on July 9, 2008, at the Tumwater City Hall.

Minutes submitted by: Dan Smith, Staff Representative

Minutes approved by: Barnes Lake Management District Steering Committee