

**City of Tumwater
Barnes Lake Management District**

Steering Committee Meeting Minutes

July 12, 2017
6 p.m. – 8 p.m.

Tumwater City Hall
“Training Room”
555 Israel Road SW, Tumwater, WA

Call to order

Chair Bodeutsch called the regular meeting of the Barnes LMD Steering Committee to order at approximately 6:00 p.m.

Roll Call, Introductions & Agenda Approval

The following Steering Committee members were present:

Gary Bodeutsch (Chair), Bill Baxter, Tom Sparks, Judith Loft, Bob Gillette, Jody Keys , Dan Smith (staff), Chris Hartman (staff), Doug Dorling (Northwest Aquatic Eco-Systems)

The following Steering Committee members were excused:

Rusty Weaver, Kathy Peterson, Linnea Madison, , Dana Day

No changes to the agenda were made.

Review of Minutes from February 8, 2017

The minutes of the previous meeting were reviewed and approved unanimously.

Review of Minutes from April 10, 2017

The minutes of the previous meeting were reviewed and approved unanimously.

Lake Management

2017 Treatment Report

In May and June of 2017 Northwest Aquatic Eco-Systems carried out the Fluridone treatment plan approved by the LMD during the annual meeting in April to reduce Bladderwort, brasenia, and lily pads. This plan – submitted to and approved by the WA Department of Ecology – included treating >50% of the lake surface area with enough Fluridone to result in a 25-40 ppb concentration in the lake. At this concentration the effects of the Fluridone are expected to last multiple years.

Doug Dorling provided a narrative update about the progress of Fluridone treatment at Barnes Lake and showed an aerial video demonstrating the progress. The free-floating bladderwort typically seen in open water has been dramatically reduced. Lilly pads are beginning to show a white discoloration which indicates that they’re being effected by the Fluridone. The treatment appears to be less

effective in some shallow sections of the lake. It is believed that the sediments in these areas bind with the Fluridone making it unavailable for plant uptake.

Two videos were prepared, one in May just prior to the first treatment application of Fluridone and one in June, a few weeks following treatment.

May 2017: <https://youtu.be/NdobcV6SFFo>

July 2017: <https://youtu.be/fRLIDQ4z7fg>

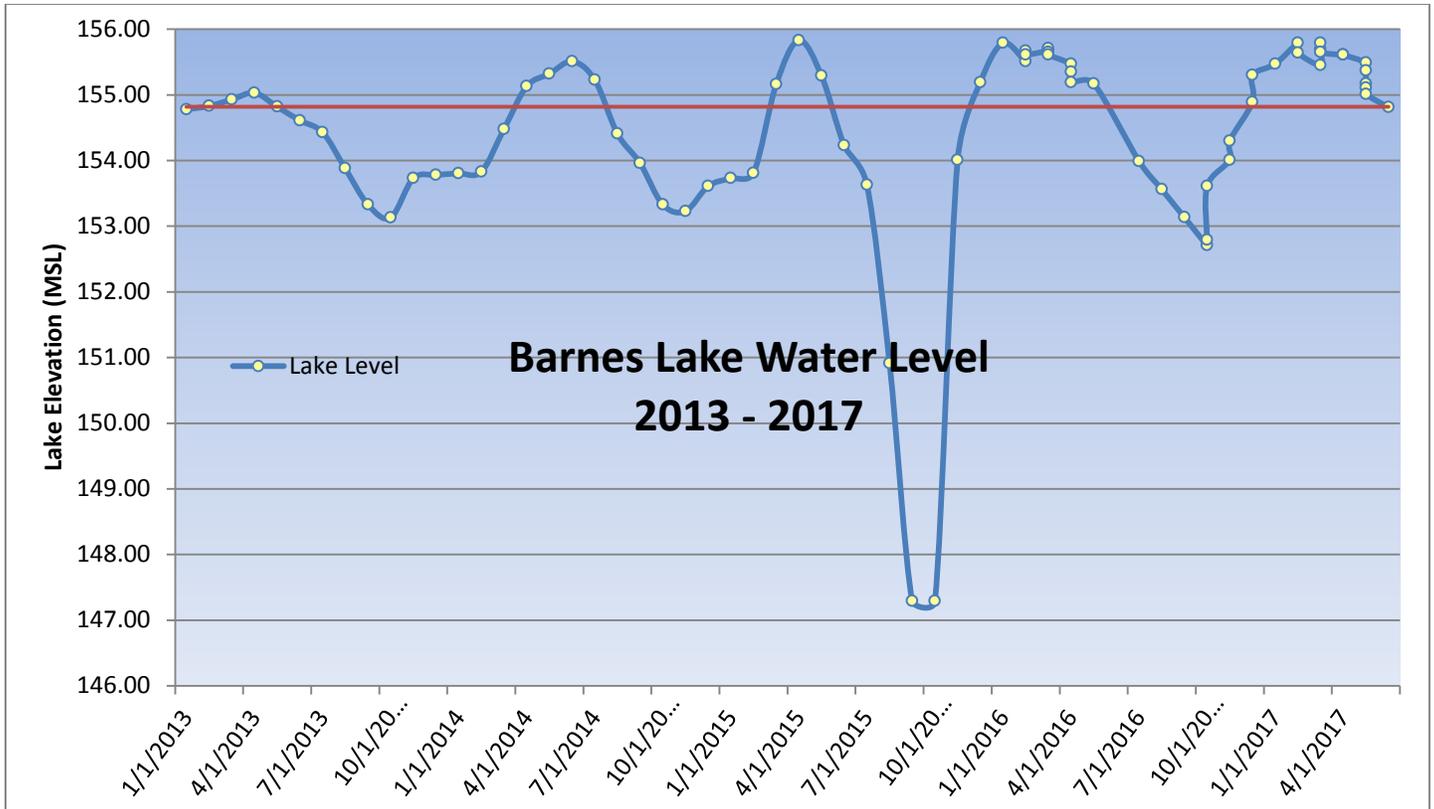
Doug has been monitoring the Fluridone concentration in the lake since the treatment in June and it is steadily declining as expected. In order to provide multiple years of treatment Doug needs to do another, more limited, Fluridone application to bring concentrations back up to the effective level for bladderwort treatment. Doug expects to be able to do this in the next few weeks. In addition, Doug will assist City Operations to install a new flexible leveler at the lake outlet/berm to address beaver impacts.

Shoreline Treatment Request

A relatively new lakeside resident on Lark Street has requested help from the LMD in managing shoreline vegetation that is obstructing their view of the lake. After some discussion the LMD determined that this is outside of the scope of their group as they are only permitted to manage nuisance vegetation in the lake itself. The LMD decided that they will reach out to this individual to more clearly explain to them their role in lake management.

Lake Level

Staff reviewed the current status of the lake level which is currently at the berm. Beaver damming activity has lessened since there is no water flowing out of the lake. This is an opportune time to make the needed adjustments to the overflow structure. Staff made plans to go out onto the lake with Doug Dorling to lower the pipe inlet to reduce beaver impacts from plugging with debris at this structure.



General Business

2017 Budget and Work Plan Update

As expected, the high costs of fluridone treatment have substantially effected the LMD budget, limiting availability for non-budgeted projects. . Dorling noted that this can be offset by the fact that the treatment is expected to last multiple years, reducing operating costs in 2018 and possibly 2019 to help rebuild financial reserves for future treatment(s).

Annual Meeting Review

The annual meeting was viewed as a success. The background information that Doug Dorling and Patrick Soderberg (Thurston County) provided about Fluridone in general and its toxicity was very useful to the group in helping them chose a treatment option. The School Admin building was seen as a preferable venue to the church used in the past.

The main issue with the annual meeting is that there were very few attendees who were not committee members or spouses of committee members. This prompted a discussion of how to increase interest in the LMD among other stakeholders in the Barnes Lake community. One idea proposed was providing an informational bulletin with the next bill. This way folks will have a better idea about what they're getting for their money and might have more interest in getting involved.

Member Comment

Bill reminded people that if they have trees they're fond of to protect them from beavers by surrounding them with fence. Staff will prepare an announcement for the LMD listserv regarding ways to protect shoreline landscaping and habitat.

Agenda Items for Next Meeting

The committee is interested holding a "walk-about" around the lake at a future meeting as a community building event. The idea is to have different hosts/stations along the walking route so the group can see the lake from different angles etc. The group needs to decide who the hosts will be and to settle on a schedule/timeline for the event.

Adjourn

Chair Bodeutsch adjourned the meeting at 8:00 p.m. The next Steering Committee meeting will be the Annual Walk-About, Wednesday, September 13, 2017. The Committee will meet at the tennis courts at the Barnes Lake Condo's, 1501 Lake Park Drive. Staff will develop a tour schedule with Committee assistance and shall reserve a van for accessibility.

Minutes submitted by: Chris Hartman, July 19, 2017

Minutes approved by: Barnes LMD Steering Committee, September 13, 2017