

**City of Tumwater
Barnes Lake Management District**

Steering Committee Meeting Minutes

June 14, 2018
6 p.m. – 8 p.m.

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

Call to order

Chair Gary 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), Bob Gillette, Kathy Peterson, Rusty Weaver, Dana Day, Dan Smith (staff), Chris Hartman (staff), Doug Dorling (NWAES)

The following Steering Committee members were excused: Linnea Madison (vice chair), Judith Loft, Bill Baxter, Jody Keys, and Tom Sparks,

No changes to the agenda were made.

Review of Minutes from April 11, 2018

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

Special Presentation from Mayor Pete Kmet – State of the City

The Mayor provided an hour-long presentation about the challenges currently facing Tumwater along with recent success stories, and interesting development projects, programs, etc., that have been proposed or are underway. The Mayor’s PowerPoint presentation is provided below. This presentation prompted a number of questions and comments from committee members that were relevant to the Barnes Lake Community.

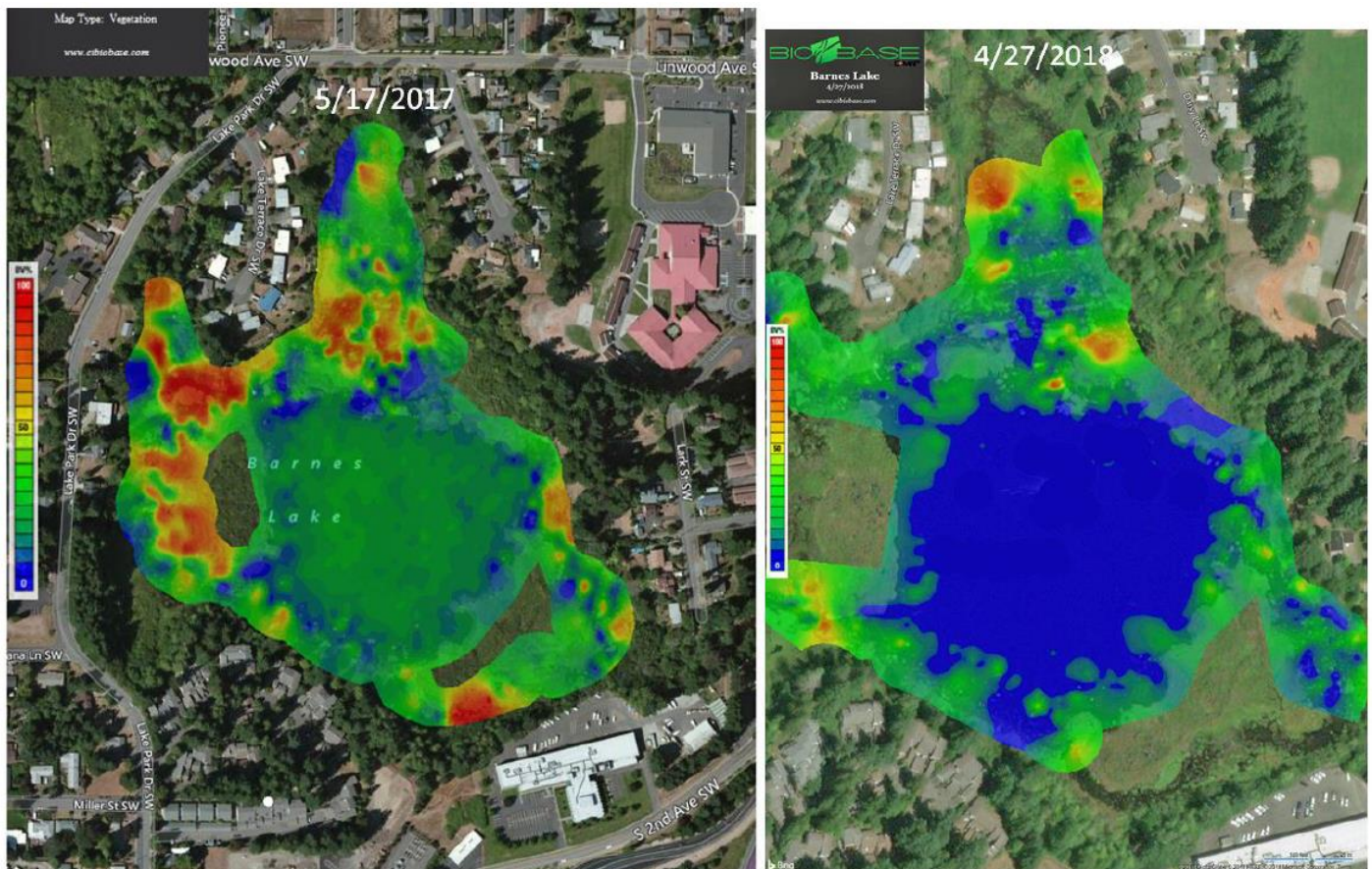
- A committee member expressed their gratitude to the Mayor for responding to their complaint about an abandoned house on Lark Street.
- A committee member expressed frustration about the street lights at the WSDOT Materials Lab that generate a lot of light pollution. The Mayor explained that the city has a “dark skies” ordinance and said he’d see if there was anything he could do about the issue.

Lake Management

Pre-season Assessment

Dan Smith and Doug Doorling presented the results from the April 27, sonic vegetation survey conducted with BioBase software. The survey results (pictured below) support the residents' observations that the amount of open water at Barnes Lake has increased since last year. Doug provided some additional context for the most recent imagery:

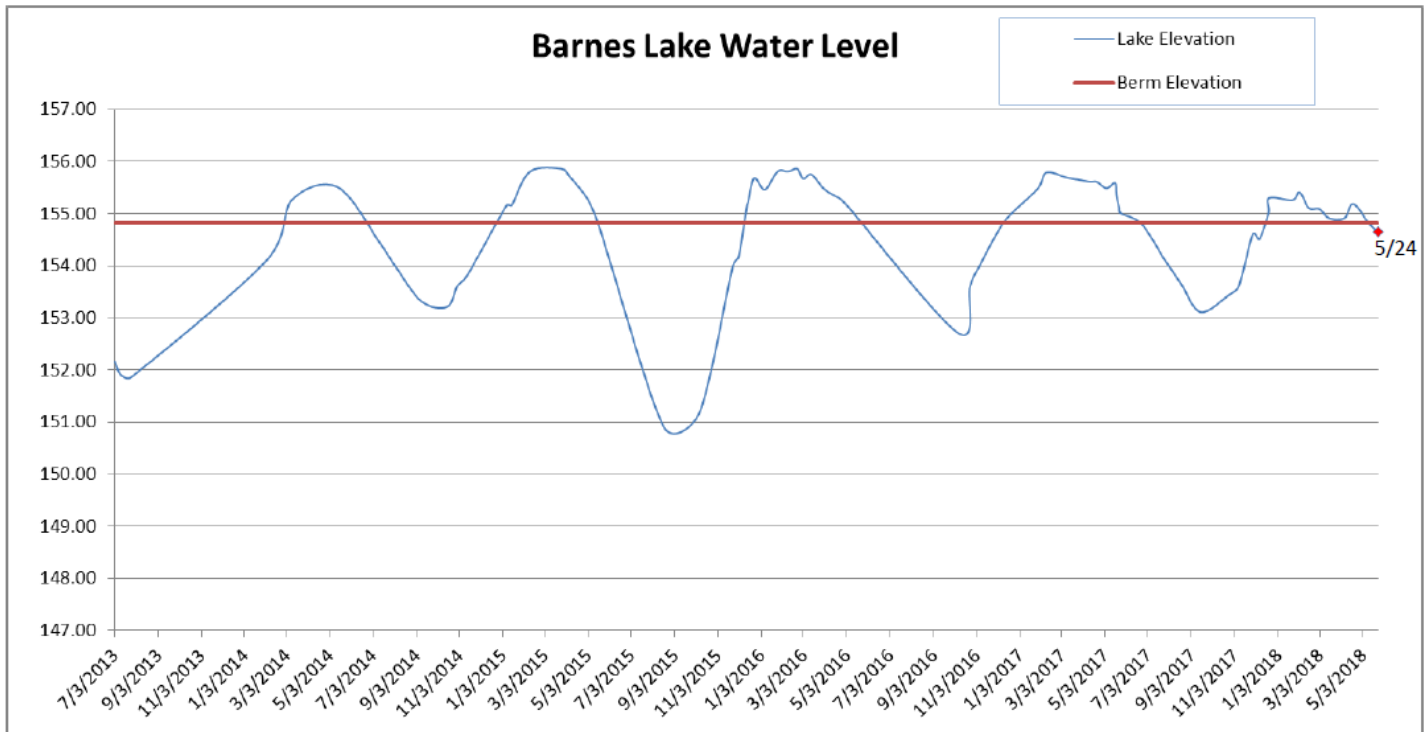
- A lot of the green shown in the most recent imagery is algae rather than aquatic vegetation. This means that the extent of open water (the blue area) is actually larger than what's shown.
- The water level was lower during the 2018 survey than it was during the 2017 survey and this explains why there are parts of the lake that are unmapped in 2018. Water level impacts where the boat can go and also how far the sound waves travel.
- Doug mentioned that if he knows the water level for the dates the surveys were conducted that he can go through a process to standardize the imagery to facilitate comparison across years. The committee expressed interest in this because it will help them to quantify the improvements achieved through lake management activities. Dan will provide this information to Doug.



In addition, Doug noted that a drone survey of Barnes Lake will take place mid-July.

Lake Level

The lake is currently below the level of the berm. The elevation data from the past several months show a number of spikes, which illustrate the lake rising after a storm and pretty quickly draining through the outlet structure.



Nutria Concerns

Nutria have been observed in the lake. Dan presented some natural history background information from the City of Portland (<https://www.portlandoregon.gov/bes/article/348260>). Doug commented that he is aware of a contractor in the area who is able to trap and remove Nutria.

Committee members are concerned about the potential impacts from this nuisance, non-native mammal and want more information about the potential impacts and management options. Kathy made a motion to conduct research into the issue. This motion was seconded by Dana and approved by all members present.

Chris Hartman will send out a “WDFW Living with Wildlife” brochure on nutria, that includes information on management and/or control.

General Business

2018 Budget and Work Plan Update

There have been no expenditures since the last meeting. See current budget below.

The committee updated the work plan to indicate work that has been completed and made a number of edits to the content of the work plan such as the projected completion of various items. The most up to date version of the work plan is shown below.

Expense Budget Barnes Lake Management District **2018**

Administrative		Budget	Actual	\$ Balance	%
COT Admin	120.30.538.300.91.01	\$ 1,440	\$ 480	\$ 960	67%
Printing / Supplies	120.30.538.300.31.00	\$ 365	\$ -	\$ 365	100%
Misc Admin		\$ -	\$ -	\$ -	
Operating		Budget	Actual	\$ Balance	%
Contract Services	120.30.538.300.41.08	\$ 6,873	\$ -	\$ 6,873	100%
Vegetation Survey & Mapping		\$ 2,800	\$ -		
Fluridone Application		\$ -	\$ -		
Emergent Plant Treatment		\$ -	\$ -		
Floating Mat Management		\$ -	\$ -		
Admin Services*		\$ 4,073	\$ -		
Public Outreach	120.30.538.300.33.00	\$ 500	\$ -		
Water Quality Monitoring		\$ -	\$ -	\$ -	
NPDES Permit Fee		\$ 600	\$ -	\$ 600	100%
Misc Operating	120.30.538.300.49.18	\$ 165	\$ -	\$ 165	100%
Operating Reserve		\$ 5,800	\$ -	\$ 5,800	
Total Expenses		Budget	Actual	\$ Balance	%
		\$ 15,743	\$ 480	\$ 15,263	97%
Total Income		Budget	Actual		
Assessments		\$ 17,305	\$ 16,489		
Misc Credits		\$ -	\$ -		
Carryover from 2017		\$ (1,562)	\$ (1,562)		
Total		\$ 15,743	\$ 14,927		
Fund Balance		\$ 0	\$ 14,447		



**Barnes Lake Management District
2018 Work Plan**

For more information, visit: www.ci.tumwater.wa.us/BLMD.htm

The following tasks are outlined by month. Unforeseen circumstances may delay completion as expected.

January / February

1. Annual election of Steering Committee officers – Chair, Vice-Chair, Recorder
2. Submit 2018 Annual Work Plan for Council review and approval
3. Submit 2018 Operating Budget for Council review and approval
4. Begin preparation of Member Outreach letter to be distributed in March/April

March / April

1. Distribute outreach postcard (or NEWSLETTER) to LMD members relating to 2018 work plan, budget, schedule, and 2017 Treatment Summary Report. Include treatment notice for NWAES.

May / June

1. Review results of lake management activities
2. Conduct chemical treatment(s) on lake if possible (dependent on growth & water levels)
3. Contractor to provide floating mats to volunteer property owners for removal, as available.
4. Review Steering Committee Appointments; announce vacancies as necessary

July / August

1. Review results of lake management activities
2. Conduct aerial photo assessment of lake, as conditions permit
3. Conduct chemical treatment(s) on lake if possible (dependent on growth & water levels)

September

1. Conduct follow-up aerial photo assessment of lake, as conditions permit
2. Review results of lake management activities
3. Begin consideration of 2019 work plan based on LMD priorities
4. Review budgetary needs for 2019; revise roll of rates & charges as needed

October

1. Review permit compliance needs and requirements for 2019
2. Steering Committee's Annual Lake "Walk About", October 10
3. Submit revised roll of rates and charges to Tumwater Finance Department, as needed

November / December

1. Develop 2019 work plan based on 2018 activities, LMD needs and available budget
2. Review Treatment Summary Report and update IAVMP with results
3. Develop draft Operational budget for 2019
4. Finalize meeting schedule for 2019

** Items in **RED** signify new, or revised, work plan elements following acceptance by the LMD Steering Committee and Tumwater City Council **

Long and Short Term Goals

In order to set *new* long and short term goals the committee reviewed the goals that were established during the previous budget cycle. The group reviewed page 119 of the city's "Adopted 2017-2018 Biennial Budget" shown below as Exhibit A as well as page 276 of the "Mayor's Proposed Budget 2017-2018" shown as exhibit B. Both of these documents can be found at the link below.

<http://www.ci.tumwater.wa.us/departments/finance/city-budget>

Exhibit A Comments

- Accomplishments
 - Add language about the extent of open water present at Barnes Lake year-round. This is seen by the group as significant indicator of their success. A large portion of the lake is now open throughout the year. The group is interested in having Doug run the numbers to quantify how the amount of open water has changed over the last few years.
- Goals and Objectives
 - The group is *still* interested in the type of outreach described as follows... "Develop educational program to encourage LMD members to reduce discharge of nutrients to the lake to improve water quality"
 - The group is no longer conducting bi-annual water quality monitoring. The next round of monitoring will be in 2020.
 - The group still sees utility in conducting a survey of stakeholders. Rather than asking stakeholders about their satisfaction with the LMDs efforts the group proposed asking for stakeholder's wish list.

Exhibit B Comments

- No specific comments on the long-range goals shown in Exhibit B, however, the group discussed the concept of "open water for all" as a guiding principle. The group will need to define clearly what this means and what a budget and timeline look like for achieving this.

EXHIBIT A

BARNES LAKE MGMT DISTRICT

DESIGNATED FUNDING

Barnes Lake Management District

120

Residents in this district voted to pay an assessment to **manage Barnes Lake water quality.**

The Barnes Lake Management District (LMD) is organized to provide a funding mechanism for the community immediately surrounding Barnes Lake to conduct ongoing lake management activities. The LMD is funded through annual assessments charged to the residents and businesses adjacent to the lake to support vegetation management activities. The primary goal of the LMD is to reduce the quantity of noxious and non-native nuisance vegetation to help improve water quality and the aesthetic and recreational values of the lake. The Water Resources Section provides administrative support, project management and LMD Steering Committee oversight. The Finance Department provides support for billing, assessment collection and lien management.

Routine activities include: vegetation treatment (chemical, physical, mechanical), vegetative debris (floating mat removal) and program management.

Accomplishments

- Celebrated 10-years of lake management and successful neighbor collaboration.
- Completed the 2015 update of the Aquatic Vegetation Management Plan.

Goals and Objectives

- Develop educational program to encourage LMD members to reduce discharge of nutrients to the lake to improve water quality.
- Continue coordination with LMD stakeholders to implement IAVMP to improve access and enjoyment of the lake for LMD members.
- Implement the updated 2015 Integrated Aquatic Vegetation Management Plan (IAVMP), including:
 - a. Manage noxious and native floating-leaved plants.
 - b. Treat noxious and native emergent plants.
 - c. Encourage property owners to volunteer for localized mat removal efforts.
- Conduct bi-annual water quality monitoring (2018) to document effectiveness of management efforts on lake water quality.
- Complete bi-annual survey of LMD stakeholders to evaluate satisfaction of control efforts and support of LMD defined goals.

EXPENDITURE SUMMARY

Barnes Lake Management District (Stormwater) - 120

	2013-2014 Actual	2015-2016 Adjusted Budget	2015-2016 Estimate	2017-2018 Budget
EXPENDITURES				
Supplies	\$ 197	\$ 1,480	\$ 1,457	\$ 1,480
Other Services & Charges	40,571	48,130	41,770	31,130
Interfund Charges	-	2,800	-	-
Ending Fund Balance	-	10,586	16,060	18,050
TOTAL	\$ 40,768	\$ 62,996	\$ 59,287	\$ 50,660

Budget Summaries

EXHIBIT B

Fund: 120 – BARNES LAKE MANAGEMENT DIST.
Dept.: 30 – B.L.M. Dist. No. 2004.01
Schedule B: LONG-RANGE GOALS AND OBJECTIVES – 2019-2021

Long-Range Goals and Objectives:

1. Continue routine vegetation treatment activities to complement the community's goal for lake quality enhancements and improvements toward the aesthetic and recreational values of the lake community.
2. Continue to investigate cost effective methods of aquatic vegetation control and removal to improve aquatic habitat, water quality and lake access for the LMD membership.
3. Complete new bathymetric survey to evaluate changes of sediment layers due to lake management actions.
4. Continue monitoring and reporting of lake health to facilitate prompt response to emerging issues and needs.

Annual Meeting Logistics

The annual meeting is meant to be a time for the group to reach out to the greater Barnes Lake community/rate-payers to share their successes, invite participation, etc. Previous annual meetings have been sparsely attended so the group decided to align this outreach effort with existing neighborhood activities, specifically the National Night Out events held on August 7th at the Tumwater United Methodist Church and the Condos. Previously the group was going to host a walk around the lake on this same day, but group decided that the logistics of doing this AND tabling at these National Night Out events was too challenging. (The group elected to hold the walk on October 10th at 5 pm instead.) A number of logistics still need to be figured out:

- Who specifically will be attending these events? Given the timing of the two separate events are two BLMD representatives enough or do there need to be more? Bill, Rusty, Dana, and Gary all expressed a willingness to table for the BLMD.
- The group needs to prepare handouts before the meeting that seek to generate interest in the BLMD. The handouts could include 1) an archive of pictures showing progress, 2) comparison of 2017 and 2018 aquatic veg density, 3) budget information and/or 4) information about Facebook page.
- Do we still have posters from previous annual meetings? Chris will look into this, update them as needed, and prepare for display.
- Need to bring table? When to be there? Gary will reach out to church and condos for these types of logistics.

Public Outreach Brainstorm

Topic tabled for next meeting

LMD Outreach to other LMDs

No discussion

LMD Committee Reappointments

A number of committee member's terms are up at the end of September (see below). Judith was not present to weigh in, but Kathy, Gary, Bob, and Rusty all excepted new terms.

	Excepted New Term?
Judith Loft	Not Present
Kathy Peterson	Yes
Gary Bodeutsch	Yes
Bob Gillette	Yes
Rusty Weaver	Yes

April 21 Earth Day Event Recap

No discussion

May 14 Mat Removal Party Recap

No discussion. This event did not occur.

South Neighborhood Vacancy

No discussion.

Member Comment

- The group observed that with the August meeting time taken up by National Night Out events and the October meeting scheduled for the group walk that they needed to schedule another business meeting. The group settled on September 12th as an additional meeting date.

Agenda Items for Next Meeting

- National Night Out debrief

Adjourn

Chair Bodeutsch adjourned the meeting at 8:00 p.m. The next Steering Committee meeting for business will be held on September 12th. (Some committee members will represent the BLMD at Barnes Lake area National Night Out events held on August 7th.)

Minutes submitted by: Chris Hartman, 6/28/2018

Minutes approved by: BLMD, 9/12/2018