



CITY OF  
**TUMWATER**

**BARNES LAKE MANAGEMENT DISTRICT  
MEETING AGENDA**

**Online via Zoom and in person at South  
Puget Sound Community College,  
Watershed Room, 2011 Mottman Rd SW,  
Building 32, Olympia, WA 98512**

**Wednesday, October 09, 2024  
6:00 PM**

1. Call to Order
2. Roll Call
3. Introduction and Agenda Review
4. Approval of Minutes
  - a. [May 8, 2024 Steering Committee Meeting Minutes](#)
5. Public Comment
6. Member Comment
7. Lake Management
  - a. Aquatechnex Update (Conrade)
  - b. Lake Levels and Temperature (Kangiser)
  - c. Private Treatment Update (Soderberg)
8. General Business
  - a. Lake Walk Recap (Committee)
  - b. Communications (Soderberg)
  - c. [2024 Work Plan](#)
  - d. [2024 Budget](#)
9. Next Meeting Date - November 13, 2024
10. Adjourn

**Meeting Information**

The public are welcome to attend in person, by telephone or online via Zoom.

**Watch Online**

<https://us02web.zoom.us/j/89709314099?pwd=soviGarcObgpwp6UykMobPoGFnLCpW.1>

**Listen by Telephone**

Call (253) 215-8782, listen for the prompts and enter the Webinar ID 897 0931 4099 and Passcode 318130.

**Post Meeting**

Audio of the meeting will be recorded and later available by request, please email [CityClerk@ci.tumwater.wa.us](mailto:CityClerk@ci.tumwater.wa.us)

**Accommodations**

The City of Tumwater takes pride in ensuring that people with disabilities are able to take part in, and benefit from, the range of public programs, services, and activities offered by the City. To request an accommodation or alternate format of communication, please contact the City Clerk by calling (360) 252-5488 or email [CityClerk@ci.tumwater.wa.us](mailto:CityClerk@ci.tumwater.wa.us). For vision or hearing impaired services, please contact the Washington State Relay Services at 7-1-1 or 1-(800)-833-6384. To contact the City's ADA Coordinator directly, call (360) 754-4128 or email [ADACoordinator@ci.tumwater.wa.us](mailto:ADACoordinator@ci.tumwater.wa.us).



## BARNES LAKE MANAGEMENT DISTRICT MEETING MINUTES

Wednesday, May 08, 2024

Online via Zoom and in person at Tumwater City Hall, Sunset Room  
555 Israel Rd. SW, Tumwater, WA 98501 6:00 PM

1. Call to Order
2. Roll Call: Linnea Madison (Chair), Scott Conrade (Aquatechnex), Dana Day, Jody Keys, Dave Kangiser (Water Resources Specialist), Patrick Soderberg (Water Resources Manager), Tom Sparks (Vice-Chair), Carissa Parvin, Dan Smith (Water Resources & Sustainability Director), Kathy Peterson, Jude Loft online: Bonnie Blessing, Mark Pree, Jerome Tua (JOLT News)

Excused: Rusty Weaver, Lalani Shelton

3. Introductions and Agenda Review
4. Approval of Minutes

April 3, 2024, Steering Committee Meeting -Member Peterson motioned to accept as written, Member Day seconded the motion and the vote was unanimous.

5. Public Comment:

Bonnie Blessing: Clear Cast use is preferred for amphibians. Recommends using a diffuser to decrease water temperatures and phosphorous. Requesting Bladderwort to assess what it is eating (potentially algae and mosquitoes).

Scott Conrade: chemical being used contains Imazamox which is safer for aquatic life and humans. A diffuser would not be recommended due to the depth of Barnes Lake. A

### 2024 Meeting Dates

January 31

April 3

May 8

Sept. 11 (5:00 walk about)

October 9

November 13

diffuser would stir up sediment and increase phosphorous in the water column.

Bladderwort eats zooplankton.

A diffuser could have adverse effects or could have benefits that would be unintended.

More data collection is needed to assess solutions for low dissolved oxygen, temperature dynamics, and nutrients.

Are harmful algae species present in Barnes Lake?

No harmful algae species have been found in Barnes Lake.

6. Member Comment: Member Peterson: When are the assessments going out?

Tumwater staff will have to check with Utility Billing.

7. Lake Management

a. Service Provider Agreement Update (Smith)

b. Meet Aquatechnex staff: Scott Conrade with Aqautechnex introduced himself and Aquatechnex. They have 40+ years managing lakes. They want to maintain treatments similar to Northwest Aquatic Ecosystems.

July 15 is the target date for using diquat, the late summer is better for treating using Clear Cast.

Aquatechnex staff will assess the launch at Member Day’s property to see if they can get their airboat in the water during low water.

Is there only going to be one treatment in July?

Yes, with follow up spot treatments if needed.

Are you the only technician on this job?

Yes.

Does your company have an Aquamog?

No. A subcontractor with a Hydrorake might be an option.

Where do they get rid of the vegetation material?

A waste management company disposes of it.

Floating mat management has been a problem in the past.

2024 Meeting Dates

January 31

April 3

May 8

Sept. 11 (5:00 walk about)

October 9

November 13

How does communication with Aquatechnex work? Does it go through the City or contact Scott Conrade directly?

Contact Specialist Kangiser or Manager Soderberg.

c. Lake Levels and Temperature (Kangiser)

Water quality sampling will begin in May. We will be using a new lab in Tacoma called Europhins. We have included Orthophosphorous to help determine what is available for plant growth.

Was there any update on the broken sewer line near Member Day's?

City crews fixed the broken sewer line.

The Hobo data logger is back online and recording data.

Temperatures are rising and close to where we would start to see vegetation emerging.

8. General Business

a. 2024 Work Plan (Smith)

Director Smith reviewed the Work Plan.

Carissa Parvin introduced herself as a new steering committee member.

The Water Resources and Sustainability Department will be moving into office space at South Puget Sound Community College in Building 32. An Open House is being planned.

Patrick Soderberg will be replacing Dan Smith as the point of contact for the City for the BLMD.

b. 2024 Budget (Smith)

Director Smith reviewed the budget. Assessments have not gone out and bills have not come in. There are no updates to the budget.

c. BLMD Website Update (Soderberg)

Manager Soderberg described some of the changes that have taken place on the Barnes Lake Management District webpage.

2024 Meeting Dates

January 31

April 3

May 8

Sept. 11 (5:00 walk about)

October 9

November 13

The contact information for the representatives is not listed. Would BLMD representatives like to be contacted?

No, steering committee members would prefer that people reach out to City staff.

Vacant positions will need to be updated.

Links to meeting minutes will be included in the Lake Management District Info section.

9. Future Agenda Items

None noted.

10. Adjourn

2024 Meeting Dates

January 31

April 3

May 8

Sept. 11 (5:00 walk about)

October 9

November 13



## Barnes Lake Management District – 2024 Work Plan

**LMD  
Officers:**

**Chair: Linnea Madison**

**Vice  
Chair: Tom Sparks**

**Recorder: Dave Kangiser**

For more information, visit: [www.ci.tumwater.wa.us/BLMD.htm](http://www.ci.tumwater.wa.us/BLMD.htm)

**The following tasks are scheduled around regular Committee meetings.**

**Unforeseen circumstances may delay completion milestones.**

### January / February (Meeting date: January 31)

1.  Submit 2024 Annual Work Plan & Operating Budget for Council review and approval.
2.  Review Steering Committee Appointments; announce vacancies as necessary.
3.  Distribute LMD Member Outreach packet in March, including 2024 work plan, budget, schedule, and committee vacancies, following review by Committee. Send packets to Condo Managers and LMD owners.
4.  Review SOP for volunteer monitoring program.
5.  Solicit Request for Qualifications from appropriate vendors.

### March / April (Meeting date: April 3)

1.  Update/acquire supplies for water quality monitoring program.
2.  Complete training of volunteers for summer water quality monitoring program.
3.  Submit a revised roll of rates and charges to Tumwater Finance Department, as necessary.
4.  Review Statements of Qualifications; select the best professional option.
5.  Negotiate and execute contract for services.

### May / June (Meeting date: June 12)

1.  Conduct chemical treatment(s) on lake if possible (dependent on growth & water levels.)
2.  ~~Contractor to provide floating mats to volunteer property owners for removal, as available.~~
3.  Conduct an aerial photo assessment of the lake, as conditions permit.
4.  Conduct May round of water quality monitoring.
5.  Conduct June round of water quality monitoring.

### July / August (No meeting)

1.  Conduct shoreline treatment(s) if possible (dependent on growth & water levels.)
2.  Conduct chemical treatment(s) on lake if possible (dependent on growth & water levels.)
3.  ~~Conduct July round of water quality monitoring.~~
4.  ~~Conduct August round of water quality monitoring.~~

### September / October (Meeting date: October 9)

1.  Conduct follow-up aerial photo assessment of lake, as conditions permit.
2.  ~~Conduct September round of water quality monitoring~~
3.  Conduct final round of water quality monitoring.
4.  Update water quality summary report with 2024 data.
5.  Review permit compliance needs and requirements for 2025.
6.  Review budgetary needs for 2025.
7.  Steering Committee's Annual Lake "Walk About" (**September 11**)

### November / December (Meeting date: November 13)

1.  Develop 2025 work plan based on 2024 activities, LMD needs and available budget.
2.  Develop draft Operational budget for 2025.
3.  Finalize meeting schedule for 2025.
4.  Annual election of Steering Committee officers – Chair, Vice-Chair, Recorder.

## Budget

2024							
ACCOUNT DESCRIPTION	BUDGET	TRANFRS/ ADJSMTS	REVISED BUDGET	YTD ACTUAL	AVAILABLE BUDGET	% USED	
SPECIAL ASSESSMENTS	\$ 278	\$ -	\$ 278	\$ -	\$ 278	0%	
OFFICE SUPPLIES	\$ 350	\$ -	\$ 350	\$ -	\$ 350	0%	
OPERATING SUPPLIES	\$ 1,577	\$ -	\$ 1,577	\$ -	\$ 1,577	0%	
PROFESSIONAL SERVICES*	\$ 30,000	\$ -	\$ 30,000	\$ 163	\$ 29,838	1%	
MISC - LICENSES PERMITS & FEES	\$ 750	\$ -	\$ 750	\$ 500	\$ 250	67%	
FINANCE / RECORDS MGMT SVCS	\$ 2,080	\$ (80)	\$ 2,000	\$ -	\$ 2,000	0%	
LMD OPERATING RESERVE	\$ -	\$ -	\$ -	\$ -	\$ -	0%	
<b>TOTAL EXP</b>	<b>\$ 35,035</b>	<b>\$ (80)</b>	<b>\$ 34,955</b>	<b>\$ 663</b>	<b>\$ 34,015</b>	<b>2%</b>	
BEGINNING FUND BALANCE	\$ 48,216	\$ -	\$ 48,216	\$ 48,216			
MISC CREDITS	\$ -	\$ -	\$ -	\$ -			
ASSESSMENTS	\$ 20,033	\$ -	\$ 20,033	\$ -			
<b>TOTAL REV</b>	<b>\$ 68,249</b>	<b>\$ -</b>	<b>\$ 68,249</b>	<b>\$ 48,216</b>			
<b>FUND BALANCE</b>	<b>\$ 33,213</b>		<b>\$ 33,293</b>	<b>\$ 47,553</b>			

\* Professional Services include contract services, community outreach, and water quality monitoring.