



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

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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 Aquatechnex 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

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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.

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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

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