



**BARNES LAKE MANAGEMENT DISTRICT
MEETING AGENDA**

**Online via Zoom and In Person at
Tumwater City Hall, Public Works
Conference Room, 555 Israel Rd. SW,
Tumwater, WA 98501**

**Wednesday, June 08, 2022
6:00 PM**

1. Call to Order
2. Roll Call
3. Introduction and Agenda Review
4. Approval of Minutes
 - [a.](#) Approval of May 11, 2022, Meeting Minutes
5. Public Comment
6. Member Comment
7. Mayor Sullivan Introduction
8. Lake Management
 - a. NWAES Update (Dorling)
 - [b.](#) Lake Levels (Kangiser)
 - c. Water Quality Monitoring (Kangiser)
9. General Business
 - [a.](#) 2022 Work Plan (Smith)
 - [b.](#) 2022 Budget (Smith)
 - c. Barnes Lake Assessment Fee Increase Update (Smith)
 - d. 2023-2024 Budget Goal Review (Smith)
 - e. Lake Walkabout Date (Smith)
 - f. Assessment Appeal Response Discussion
10. Next Meeting Date
11. Adjourn

Meeting Information

All committee members are attending remotely. The public are welcome to attend in person, by telephone or online via Zoom.

Watch Online

<https://us02web.zoom.us/j/85400902144?pwd=MjdZSDlzbHRSY21DbEVWZmtxNGNIZz09>

Listen by Telephone

Call (253) 215-8782, listen for the prompts and enter the Webinar ID 854 0090 2144 and Passcode 177457.

Post Meeting

Audio of the meeting will be recorded and later available by request, please email 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. 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.



BARNES LAKE MANAGEMENT DISTRICT MEETING MINUTES

Wednesday, May 11, 2022

6:00 PM

1. Call to Order
2. 6 PM – Introductions and Agenda Review

Committee Members: Gary Bodeutsch (Chair), Linnea Madison (Vice-Chair), Lalani Shelton, Dana Day, Kathy Peterson, Jody Keys, Rusty Weaver, Judith Loft, Dave Kangiser (Water Resources Specialist), Dan Smith (Water Resources and Sustainability Director). Member Tom Sparks was excused.

Guest: Tom Oliva

3. Approval of Minutes

- a. March 9, 2022 Steering Committee Meeting

Member Peterson motioned to accept the March 9, 2022 meeting minutes as written. Member Day seconded the motion and the vote was unanimous.

4. Public Comment

LMD Member Tom Oliva offered public comment:

“World Migratory Bird Day is the second weekend in May and is a day to focus on migratory bird routes and challenges birds face while migrating on their routes. Light pollution is the emphasis for 2022.”

Member Oliva suggested that the background of charts in the meeting information be changed to clear for printing purposes.

5. Member Comment

Vice-Chair Madison offered member comment:

The beaver population is exploding. Beavers have been very active and affecting the floating islands by channeling between beaver lodges. A large chunk of the larger island broke free and floated away.

Staff provided some educational material to the LMD Steering Committee to protect landscaping from beavers and nutria. Nutria are contributing to vegetation destruction by eating vegetation roots.

The LMD nor the City has a permit to manage beavers on Barnes Lake. No formal request was made for managing beavers in Barnes Lake at this time.

6. Lake Management

a. NWAES Update (Dorling)

Notices for spraying have been sent. Anticipated dates for treatment are from May 25, 2022 – June 25, 2022. Residents can contact NWAES directly to coordinate private treatment.

b. Lake Levels (Kangiser)

Air and water temperatures have been cool this spring. Lake levels have remained high and the overflow device at the berm is still conveying water.

c. Water Quality Monitoring (Kangiser)

Specialist Kangiser discussed the elevated lab costs for water quality sampling this season. The estimated lab costs for the six month sampling season are about \$2,000.00 for Total Nitrogen, Total Phosphorus and chlorophyll analyses. The LMD has a budget of about \$500.00. Specialist Kangiser and Director Smith previously discussed an alternative sampling strategy that included a reduced number of samples for Total Nitrogen and Total Phosphorus and eliminating chlorophyll. This strategy would still produce useable data and reduce costs to about \$600.00.

Member Oliva would be willing to find funding for additional testing if needed. Director Smith suggested if there are specific questions that the LMD would like to answer through water quality testing, considerations could be made for additional testing.

Thurston County uses the Trophic State Index (TSI) to evaluate lake health. TSI is a classification system designed to rate individual lakes based on the amount of biological productivity occurring in the water. Total Nitrogen, Total Phosphorus, chlorophyll and secchi disk measurement data is used in the TSI rating matrix.

Specialist Kangiser will send out notification for future sampling events.

7. General Business

a. 2022 Work Plan (Smith)

Director Smith reviewed the work plan.

Role of Rates and Charges on track for adoption June 7 and take effect June 8.

b. 2022 Budget (Smith)

Director Smith reported that there were no expenses and no budget update.

c. Barnes Lake Assessment Fee Increase Update (Smith)

Director Smith shared the presentation given to council on why rate increases are needed. The public comment period produced 10 letters of support and 1 notice of opposition.

There was a discussion about the assessment appeal from Lake Terrace Dr. resident. The Steering Committee requested a copy of the opposition letter. The Steering Committee will need to form a response to the appeal.

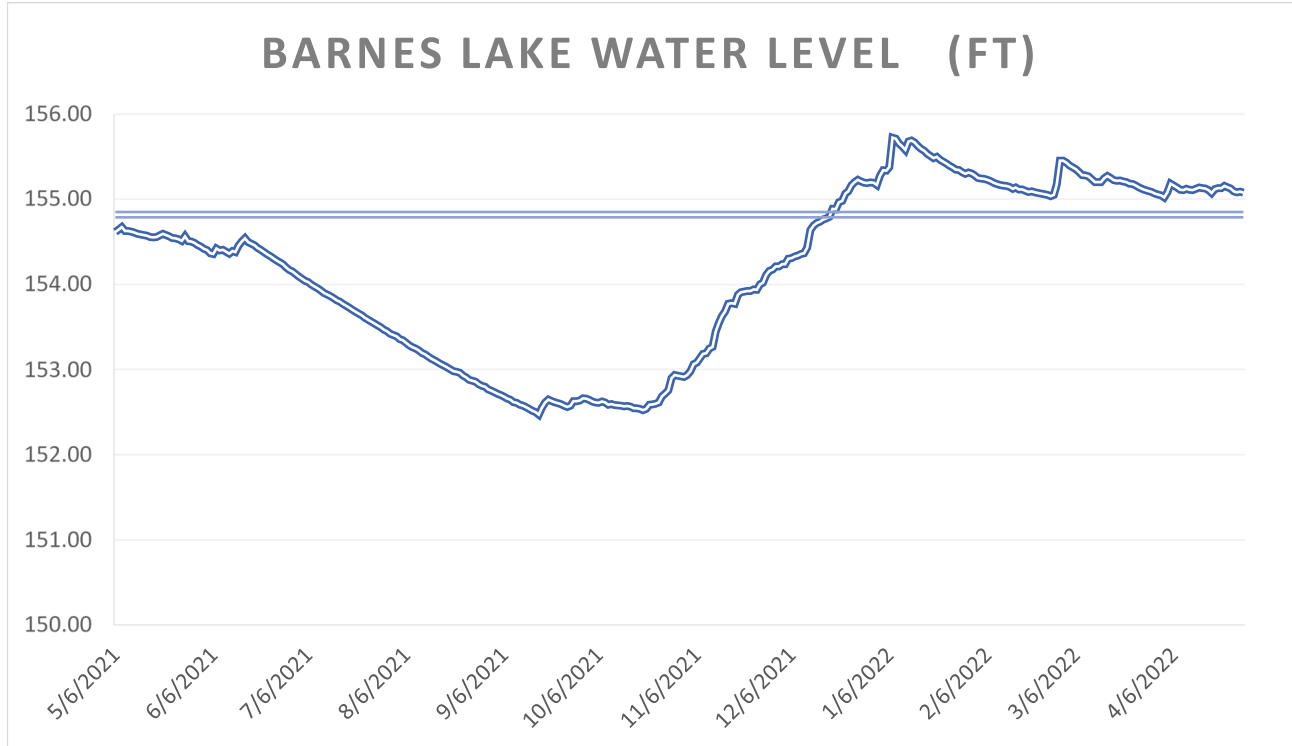
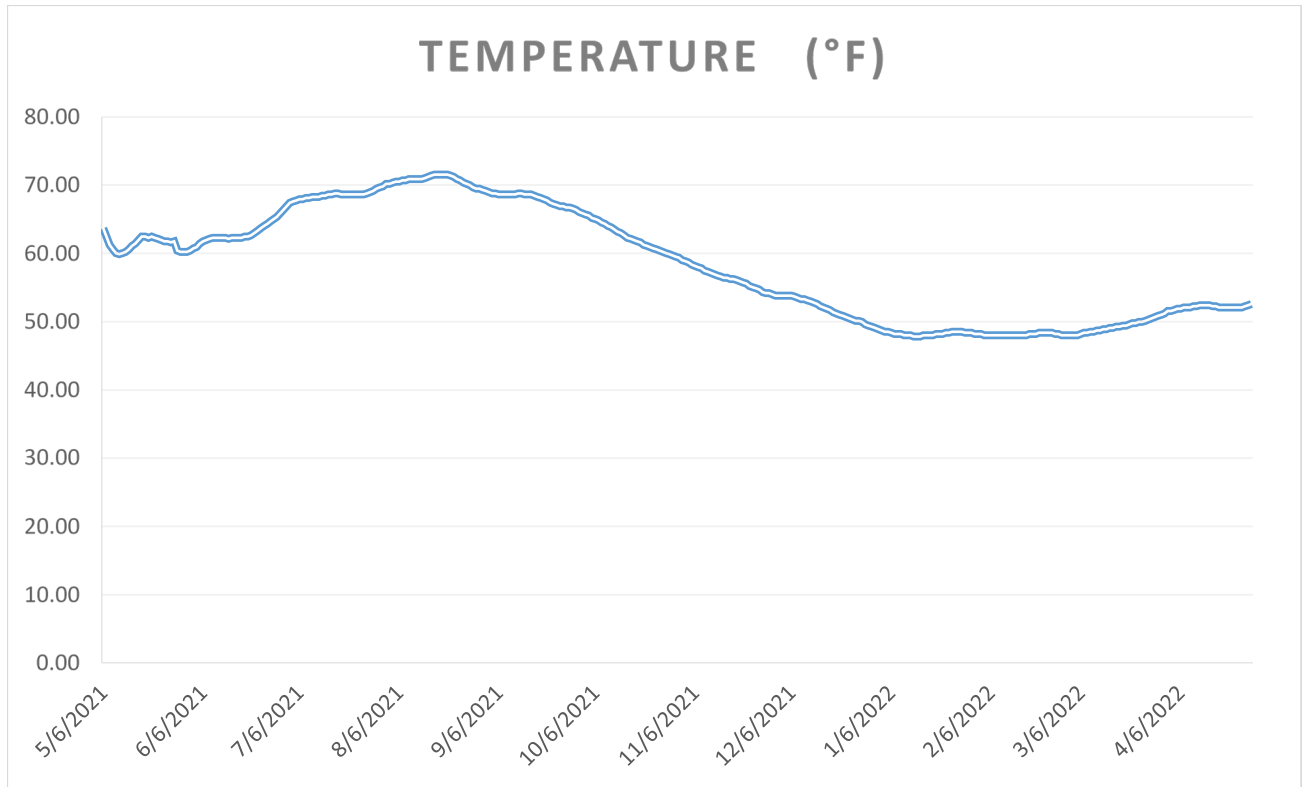
8. Adjourn: 7:30

June 8 - Next Meeting agenda items:

- *Mayor Debbie Sullivan Introductions*
- *Member Peterson asked if the meeting could be recorded*
- *Regular business*
- *Walk about date (September timeframe)*
- *Form a response for the request to appeal assessment as “lake front property” to “property with view.”*

2022 Steering Committee Meeting Dates

| | | | | | |
|------------------|-------------|--|-----------------------------|----------------------------|--------|
| January 12 | February 16 | March 2 (Listening Session) | March 9 | March 17 (PW Committee) | May 11 |
| June 7 (Council) | June 8 | September 7 – (walk about) (tentative) | September 14 (tentative) | November 9 | |





Barnes Lake Management District – 2022 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 milestones.

January / February

1. ☒ Review 2021 Treatment Summary Report and update IAVMP and work plan as needed
2. ☐ Submit 2022 Annual Work Plan & Operating Budget for Council review and approval
3. ☒ Prepare, review and distribute Member Outreach materials to be distributed in March
4. ☐ Update and execute vegetation treatment contract for Northwest Aquatic Eco-Systems
5. ☒ Review SOP for volunteer monitoring program

March / April

1. ☒ Host listening session for LMD membership to discuss proposed fee increase
2. ☒ Distribute outreach materials to LMD members relating to 2022 work plan, budget, schedule, and 2021 Treatment Summary Report.
3. ☒ Update/acquire supplies for water quality monitoring program
4. ☐ Complete training of volunteers for summer water quality monitoring program
5. ☐ Begin "Private Lake Treatment" opportunity outreach efforts
6. ☐ Conduct City Council reviews of proposed assessment increase.
7. ☐ Submit revised roll of rates and charges to Tumwater Finance Department, as needed
8. ☐ Communicate updates to finance for distribution of revised assessment letters.

May / June

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 aerial photo assessment of lake, as conditions permit
4. ☐ Review Steering Committee Appointments; announce vacancies as needed
5. ☐ Conduct May round of water quality monitoring
6. ☐ Conduct June round of water quality monitoring
7. ☐ Steering Committee's Annual Lake "Walk About"

July / August

1. ☐ Conduct shoreline treatment(s) on lake 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

1. ☐ Conduct follow-up aerial photo assessment of lake, as conditions permit
2. ☐ Deliver "End-of-Season" update outreach materials for LMD Stakeholders via web and US Mail
3. ☐ Conduct September round of water quality monitoring
4. ☐ Conduct final round of water quality monitoring
5. ☐ Update water quality summary report with 2022 data
6. ☐ Review permit compliance needs and requirements for 2023
7. ☐ Review budgetary needs for 2023

November / December

1. ☐ Develop 2023 work plan based on 2022 activities, LMD needs and available budget
2. ☐ Develop draft Operational budget for 2023
3. ☐ Finalize meeting schedule for 2023
4. ☐ Annual election of Steering Committee officers – Chair, Vice-Chair, Recorder

Last Update:

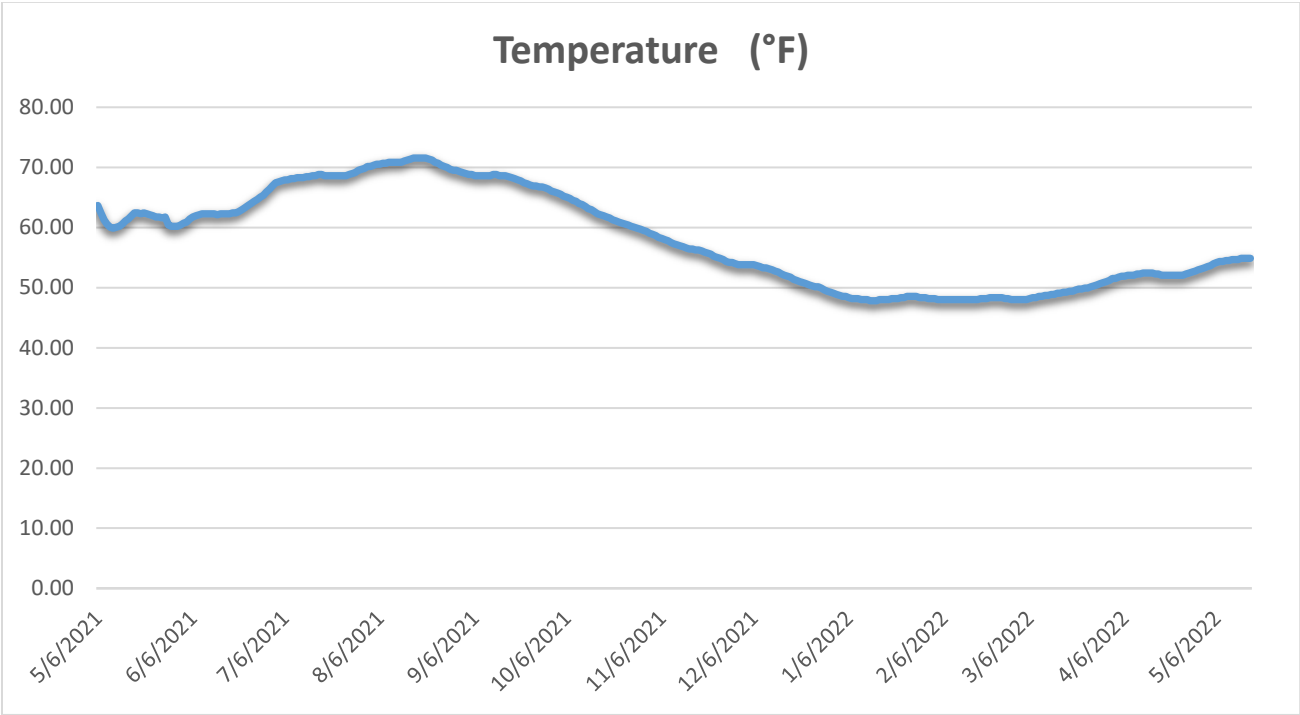
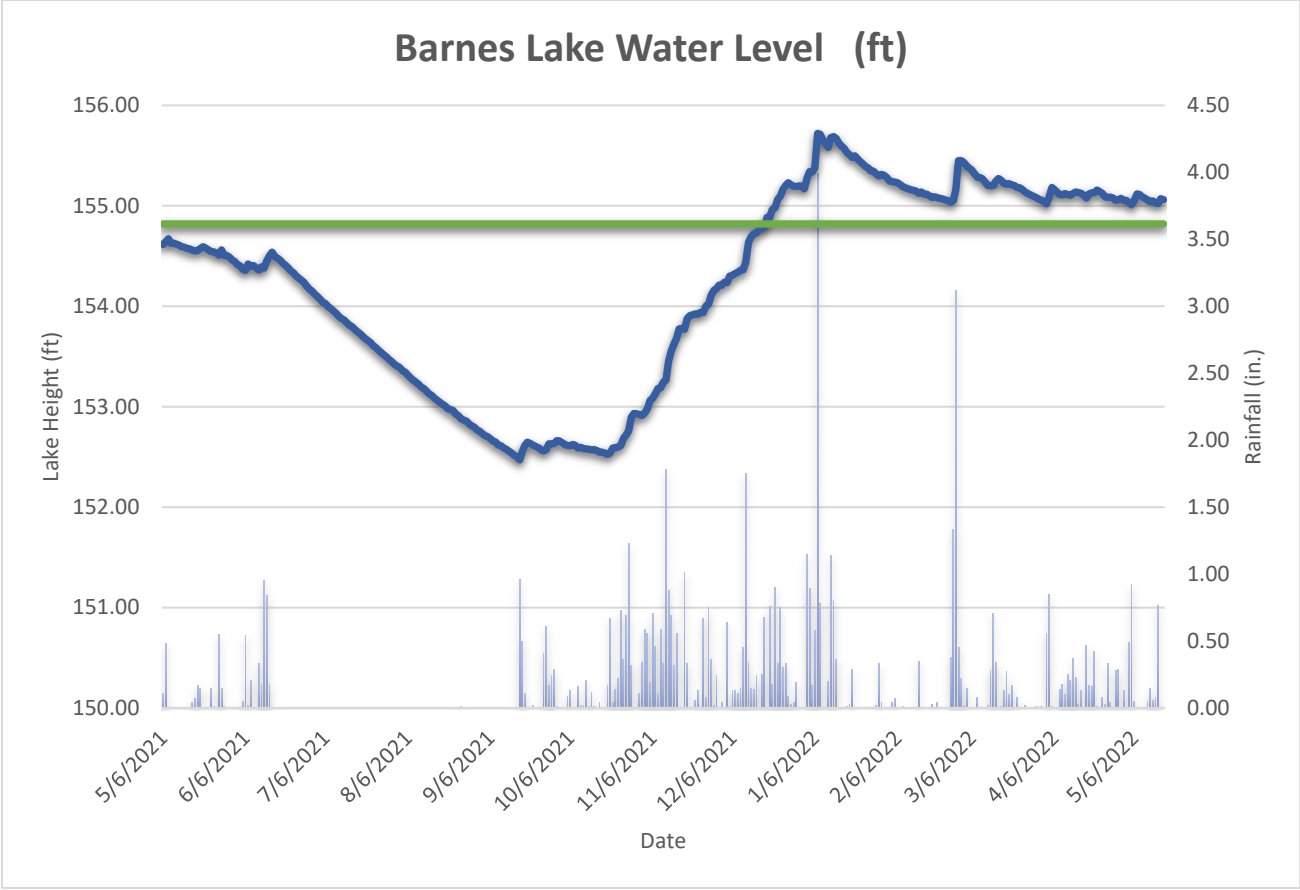
Expense Budget

Barnes Lake Management District

2022

PROJECT # 2022005

| Administrative | | Budget | Actual | \$ Balance | % |
|--|----------------------|---------------------|---------------------|------------|------|
| COT Admin | 120.30.538.300.91.01 | \$ 2,000.00 | \$ - | \$ 2,000 | 100% |
| Printing / Supplies | 120.30.538.300.31.00 | \$ 350.00 | \$ - | \$ 350 | 100% |
| Misc Admin | 120.30.538.300.31.00 | \$ - | \$ - | \$ - | |
| Operating | | Budget | Actual | \$ Balance | % |
| Contract Services | 120.30.538.300.41.08 | \$ 13,770.00 | \$ - | \$ 13,770 | 100% |
| Vegetation Survey & Treatment | | \$ 7,650.00 | \$ - | | |
| Floating Mat Management | | \$ - | \$ - | | |
| Admin Services* | | \$ 6,120.00 | \$ - | | |
| Public Outreach | 120.30.538.300.33.00 | \$ 500.00 | \$ - | | |
| Water Quality Monitoring | 120.30.538.300.41.08 | \$ 500.00 | \$ - | \$ 500 | |
| NPDES Permit Fee | 120.30.538.300.49.18 | \$ 725.00 | \$ - | \$ 725 | 100% |
| Misc Operating | 120.30.538.300.33.00 | \$ 325.00 | \$ - | \$ 325 | 100% |
| Operating Reserve | | | \$ - | \$ - | |
| Total Expenses | | Budget | Actual | \$ Balance | % |
| | | \$ 18,170.00 | \$ - | \$ 18,170 | 100% |
| Total Income | | Budget | Actual | | |
| Assessments | | \$ 18,170.25 | \$ - | | |
| Misc Credits | | \$ - | \$ - | | |
| Fund Balance from Previous Year / Reserves | | \$ 35,135.00 | \$ 35,135.00 | | |
| Total | | \$ 53,305.25 | \$ 35,135.00 | | |
| Fund Balance | | \$ 35,135.25 | \$ 35,135.00 | | |





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Last Update: 6/1/2022

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Barnes Lake Management District

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