



## **BARNES LAKE MANAGEMENT DISTRICT MEETING Minutes**

**Wednesday, June 14, 2023**

**1. Call to Order**

**2. Roll Call:** In person: Linnea Madison (Vice-Chair), Rusty Weaver, Kathy Peterson, Tom Sparks, Dave Kangiser (Water Resources Specialist), Doug Dorling (Northwest Aquatic Ecosystems);

Zoom: Dan Smith (Water Resources and Sustainability Director), Dana Day, Jerome Tuano (Jolt News)

Excused: Lalani Shelton, Judith Loft, Gary Bodeutsch (Chair), Jody Keys

**3. Introductions and Agenda Review**

*Director Smith asked that Agenda Items 7 and 8 be switched so he could be excused early.*

**4. Approval of Minutes**

**a. February 8, 2023 Steering Committee Meeting**

*Member Peterson had comments she would like incorporated. Comments were submitted to Specialist Kangiser and incorporated into the final draft. Peterson motioned to accept the final draft. Member Sparks seconded the motion, and the vote was unanimous to accept the final draft.*

**b. March 29, 2023 Steering Committee Meeting**

*Member Peterson had comments she would like incorporated. Comments were submitted to Specialist Kangiser and incorporated into the final draft. Peterson motioned to accept the final draft. Member Sparks seconded the motion, and the vote was unanimous to accept the final draft.*

**5. Public Comment:**

*There were no public comments.*

**6. Member Comment**

**2023 Meeting Dates**

February 8

March 29

June 14

Sept. 13 (5:00 walk about)

October 11

November 8

*Member Weaver commended Member Peterson as a fabulous member of the neighborhood. Her deer photos were widely distributed.*

*A fire near the church property was called in by Member Peterson and was extinguished quickly.*

## 7. Lake Management

### a. NWAES Update (Dorling)

*Contractor Dorling shared the treatment map from May 17. The majority of vegetation shown during the survey is filamentous algae. There are limitations on the drone flight path due to an FAA no-fly zone. Two drones were used to capture the whole lake survey. Treatment targeted one weed: broadleaf pond weed (*P. anthifolious*). This plant was most likely introduced from waterfowl carrying seeds. The checkered area was treated with Diquat Aquathol K to allow access for property owners. Fish like the targeted weed so judicious application of treatment was used. Contractor Dorling will reassess for re-treatment in coming weeks. This treatment application also affects bladderwort. Lily pads were treated with imazapyr and triclopyr. A resident in the northern section was disgruntled and contacted Contractor Dorling via email. The resident wanted their area in front of their property treated. Contractor Dorling treated the area as part of his routine treatment plan. Properties can be treated from the shoreline, but no specific requests were communicated to Contractor Dorling or the LMD. A site visit with City staff might be warranted. This area should be able to re-treat as needed with the smaller boat.*

### b. Mats Management (Dorling)

*Metal rods were used to anchor some of the islands that were moved but were not effective. Ropes with cinder blocks were eventually used to anchor the islands. "Hay Island" will eventually sink unless it becomes established with new vegetation. The channel near DOT has opened more.*

### c. Acceptance level of unwanted weeds (committee)

*Established literature suggests that wetland habitat helps with nutrient uptake. Orthophosphorus would be more appropriate measure to gauge soluble phosphorus that drives algae growth. The current nutrients that are measured during routine water quality monitoring include Total Phosphorus and Total Nitrogen. No decision was made by the steering committee on acceptable levels of unwanted vegetation.*

### d. Wetlands preservation for Phosphorus control (Dorling)

*There are some concerns that the sewer system is leaching into the lake at Lark St. City staff is unaware of any sewer leaks that affect Barnes Lake, but could see if our sewer crew could investigate further.*

### e. Private property lake treatment (Madison)

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*The McAfferty property was the only candidate for private property vegetation management, but looked like the area had been removed by hand. Woody shrubs are not responsibility of LMD.*

f. Lake Access Update (Dorling)

*Contractor Dorling will address this when water levels are lower.*

g. Lake Levels and Temperature (Kangiser)

May 23 sampling results:

*We recorded the highest May surface temp taken during a May sampling event (22.3° C = 72° F; next highest is in 2019: 19.1° C = 66° F). Temperatures at all depths followed this pattern. We usually see these temps in July and August. Bottom Dissolved Oxygen (DO) was at 5.1 mg/L. DO Usually hovers around 0-1 at that depth. Visibility with sechi disk was 7.75 feet. This is the clearest reading since 2013 (8 m). Phosphorus was at .04 mg/L. The state standard for Phosphorus is .02 mg/L.*

8. General Business

a. Advisory Board and Commission Ethics Policy (Smith)

*LMD Steering Committee Members that are present are required to sign the Ethics Policy document. Members that are not present in person will be provided the document and are required to sign it as well. Director Smith explained the significance of the Policy document and required signature.*

b. 2023 Work Plan Review (Smith)

*Director Smith reviewed the 2023 work plan. There has been some interest in condominium representation. The Committee reviewed committee members' terms who expire in 2023. Member Day and Vice Chair Madison said they would continue to serve on the steering committee.*

c. 2023 Budget Review (Smith)

*Director Smith reviewed the budget. No new expenses have been realized in 2023. Director Smith anticipates Water Quality monitoring expenses in the coming weeks..*

10. Future Agenda Items

*Comments from the September 13 lake walkabout*

11. Next Meeting Date – October 11, 2023

12. Adjourn