

TO: Public Works Committee
FROM: Dave Kangiser, Water Resources Specialist
DATE: May 8, 2025
SUBJECT: Annual Barnes Lake Management District (BLMD) Work Plan and Budget Review

1) Recommended Action:

None. This item is for information only.

2) Background:

The BLMD was formed to conduct routine aquatic vegetation maintenance on Barnes Lake. The 2024-2026 budget and work plan included treating the lake with two different herbicides to target the invasive Bladderwort and Fragrant water lily. After the 2024 treatment, the service provider recommended changing the herbicide used for Bladderwort control to fluridone. Due to the significant difference in material cost for fluridone, the budget is being amended. The use of fluridone has been anticipated previously and is included in the 2021 BLMD budget forecast and rate increase, proposing treatment every 3-5 years. It has been 5 years since the last fluridone application.

Another notable milestone to be completed in 2025 is renewing the Integrated Aquatic Vegetation Management Plan. This is a guiding document for the BLMD that was last updated in 2016 and is intended to be updated every 10 years. This year's update will be the last before considering BLMD renewal in 2035.

3) Policy Support:

- Ordinance O2004-041, Lake Management District Formation
 - Resolution R2006-001, Barnes Lake Management District Charter
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4) Alternatives:

- ☐ The BLMD is a Tumwater supported lake management district according to Chapter 36.61 RCW. There are no alternatives identified.
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5) Fiscal Notes:

Due to the cost difference for the recommended herbicide application in 2025, Amendment 1 of the Service Provider Agreement changes the total cost of the three-year agreement from \$49,425.91 to \$89,555.39.

6) Attachments:

- A. 2025 Work Plan
- B. 2025 Budget
- C. 2024 Treatment Report