



Staff Report – Consent Agenda

July 6, 2026 Council Regular Meeting

Purchased Services Agreement with AquaTechnex for Lake Treatment (Submitted by Brian Monnin, Engineering Project Manager – Stormwater)

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BACKGROUND: Cyanobacteria harmful algal blooms (cHABs) have been a recurring issue in Lacamas, Round and Fallen Leaf Lakes in recent years, resulting in frequent recreational use advisories and growing public concern. In an effort to combat the issue, the Lacamas, Round, and Fallen Leaf Lakes and Lake Cyanobacteria Management Plan (LCMP) was created and was approved by Washington Department of Ecology in 2024.

One treatment approach to control cyanobacteria blooms is the use of algaecide. This is a short-term approach to controlling a bloom and has the potential to impact other non-target species and organisms. The use of algaecides is regulated by Ecology via the Aquatic Plant and Algae Management (APAM) general permit system (Ecology, 2021) as well as by the WDFW.

In 2023, the City was awarded a Washington State Department of Commerce grant to fund lake treatment activities. AquaTechnex completed the initial treatment applications on Lacamas Lake in 2024 and 2025, with the proposed agreement providing for the remaining grant-funded treatment events.

SUMMARY: The proposed Purchased Services Agreement with AquaTechnex will provide for two treatment applications in 2026 and one treatment application in June of 2027, completing the remaining treatment events funded through the Washington State Department of Commerce grant. Aluminum Sulfate will be the chemical applied which will help strip phosphorus and organics from the water column resulting in clearer water and improved water quality.

Because treatment timing and chemical dosing are determined by water quality monitoring conducted immediately prior to each application, staff must be prepared to act quickly when lake conditions indicate treatment is warranted. Accordingly, staff is requesting approval of the Purchased Services Agreement in advance of the treatment events, as waiting to obtain Council approval after monitoring is complete could delay treatment beyond the optimal application window. The proposed contract amount represents staff's best estimate to complete the remaining three treatment events under the existing Commerce Grant. Actual treatment quantities may vary based on observed

lake conditions. Should treatment requirements exceed the approved contract amount, staff will return to Council for consideration of a contract amendment..



Figure 1: Designated treatment area on Lacamas Lake for 2026 and June 2027 treatment applications.

BENEFITS TO THE COMMUNITY: This project continues implementation of the Lacamas, Round, and Fallen Leaf Lakes Lake Management Plan and Lake Cyanobacteria Management Plan (LCMP). This project will improve water quality in Lacamas and Round Lakes, ultimately reducing the amount of Harmful Algal Blooms (HABs), and increasing communities' ability to recreate, fish and enjoy the lakes.

STRATEGIC PLAN: Providing this treatment aligns with the goal of Stewardship of City Assets. Protecting water quality for the long-term enjoyment of our community while ensuring swimmable and fishable lakes in which to recreate in.

BUDGET IMPACT: Funding for this project will be through the City's Stormwater Fund, with full reimbursement from a Washington State Department of Commerce Grant. The total cost of the contract is \$232,288 and the remaining funds in the Commerce Grant are \$242,322.34.

RECOMMENDATION: Staff recommends that this Council authorize a purchased service agreement with AquaTechnex for an amount of \$232,288