



Staff Report

Month Day, Year Council Workshop Meeting

Lake Management Plan Water Quality Sampling Professional Services Agreement

Presenter: Steve Wall, Public Works Director

Time Estimate: 10 min

Phone	Email
360.817.7899	swall@cityofcamas.us

BACKGROUND: The City hired Geosyntec Consultants, Inc. in 2021 to assist the City with completion of a Lake Management Plan to analyze the current water quality conditions and develop a plan to identify management strategies to improve the water quality in Lacamas, Round and Fallen Leaf lakes (the "Lakes"). Subsequent to the original scope of work for Phase 1, the City has also signed two separate contract amendments with Geosyntec in late 2021. The first amendment was to complete the Quality Assurance Project Plan (QAPP), which is required prior to starting water quality sampling. The second amendment included development and implementation of a public involvement plan, identification and progress on short-term wins and development of potential funding opportunities and a funding strategy for future work. Additionally, it is worth noting the QAPP (attached for reference) received approval from the Department of Ecology in early April 2022.

SUMMARY: Based on the attached Ecology reviewed and approved QAPP, Geosyntec Consultants has submitted the attached Scope of Work and contract amendment to complete the water quality monitoring, sampling and associated field work. The work includes approximately 12 months of sampling in various locations in the Lakes, surrounding streams, and at two different stormwater outfall locations. Additionally, lake bottom sediment sampling, vegetation surveys and lake use surveys will be completed among other field work.

City staff worked with Ecology and Geosyntec to develop the QAPP to find a balance between collecting enough data to support development of a Lake Management Plan, while trying to minimize costs to the extent possible. The estimated cost based on the attached Scope of Work is \$294,800. This work is identified as "Phase 2B, Part 1" in the overall Lake Management Plan Project as identified in the cost summary below.

EQUITY CONSIDERATIONS:

What are the desired results and outcomes for this agenda item?

Inform the Council of the scope of work and estimated cost to complete the water quality sampling and monitoring as established in the approved QAPP.

What's the data? What does the data tell us?

Based on research completed in Phase 1 of the Lake Management Plan project, the last time data was collected on Lacamas and Round lakes was more than a decade ago. Much has changed since then and the information collected needs to be updated. The City contracted with the County to complete water quality sampling on Fallen Leaf Lake in 2019; however, additional data is also necessary to support strategies for that lake and is included in this contract amendment.

How have communities been engaged? Are there opportunities to expand engagement?

The City's Lake Management Plan project team has developed a full public outreach and engagement plan. Engagement occurred during Phase 1, and Phase 2 includes additional open houses and outreach efforts. Additionally, the City team has made multiple presentations to the City Council and Parks Commission.

Who will benefit from, or be burdened by this agenda item?

The citizens of Camas and users of the Lakes will benefit from collection of this data, completion of a Lake Management Plan, and implementation of lake management strategies.

What are the strategies to mitigate any unintended consequences?

The scope of work is based on the approved QAPP. The QAPP has been developed by the City's team and reviewed and discussed with the Department of Ecology.

Does this agenda item have a differential impact on underserved populations, people living with disabilities, and/or communities of color? Please provide available data to illustrate this impact.

N/A

Will this agenda item improve ADA accessibilities for people with disabilities?

N/A

What potential hurdles exists in implementing this proposal (include both operational and political)?

The City has funding to support some of the work; however, additional funds will be needed to fully complete the Lake Management Plan, and to ultimately implement the chosen strategies.

How will you ensure accountabilities, communicate, and evaluate results?

The information collected and analyzed will be made available to the public and the City Council will be updated on the work as it progresses.

How does this item support a comprehensive plan goal, policy or other adopted resolution?

This work supports Resolution No. 20-016 and the City Council's desire to investigate potential sources of contaminants causing poor water quality in the Lakes and developing management strategies to improve water quality.

BUDGET IMPACT: Following is a general summary of the costs to date for development of the Lake Management Plan and available funding sources to support the work.

Expenses:

- Phase 1 (Background Research and Ph. 2 Scope Development) \$106,400
- Phase 2A (QAPP Development) \$22,700
- **Phase 2B, Part 1 (Water Quality Sampling/Field Work) \$294,800**
- Phase 2B, Part 2 (Public Outreach, Short-Term Wins, Funding) \$127,500
- Phase 2b, Part 3 (Data Analysis and Plan Development) \$ TBD

Total Work Contracted To Date: \$551,498

Available Budget:

- City Stormwater Funds \$300,000
- Freshwater Algae Control Program Grant \$66,666
- 2021 State Budget Appropriation \$155,000

Total Available Budget: \$521,666

Funding Gap: (\$29,832)

Should Council direct staff to move forward with the planned work, the 2022 Fall Omnibus will need to include an additional \$30,000 to fully fund the work included.

RECOMMENDATION: This agenda item is for City Council's information only. Staff proposes placing the Professional Services Agreement Amendment with Geosyntec Consultants on the May 16, 2022 Regular Meeting Consent Agenda for Council consideration.