



Staff Report

July 18, 2022 Council Workshop Meeting

Lacamas Lake Dams Inspections and Gate Replacement

Presenter: Will Noonan, Public Works Operations Manager

Time Estimate: 5 minutes

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BACKGROUND: The City of Camas accepted donation of the Lacamas Lake Dams, including the Upper and Lower Dams, in 2018. The Department of Ecology Dam Safety Office, who oversees all dams within the State, requires an annual inspection and report documenting the findings be completed and submitted to Ecology. Stantec Consulting has assisted the City with this work since ownership of the Dams was transferred to the City.

Prior inspections have identified that portions of the wood spill gates on the upper dam need replacement. Since the water level needs to be lowered to survey and review the gates prior to design of any repairs, and it requires significant effort in general, staff has asked Stantec to include a full review and development of alternatives for full replacement of the gates and their actuators, which currently have to be manually operated, with more modern materials.

SUMMARY: Stantec has provided the attached Scope of Work to complete the 2022 Lacamas Lake Dam Inspections, preliminary design for total gate replacement, and to develop options to automate operations of the gates. The estimated cost to complete this work as shown in the attached Professional Services Agreement is \$85,830.

EQUITY CONSIDERATIONS:

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

Inform Council of the needed work and review the professional services agreement and scope of work provided by Stantec.

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

Prior inspections have identified that portions of the existing timber gates need to be replaced.

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

Not applicable.

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

The City operations crew and downstream residents and areas will benefit from this work.

What are the strategies to mitigate any unintended consequences?

Inspection of the area prior to designing any improvements and review of final design by staff and 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.

Not applicable.

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

No

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

The water level in Lacamas and Round Lake is required to be lowered in order to inspect the dams and gates. As such, inspection of the gates will be completed with the annual drawdown.

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

City staff and Ecology will review the inspection reports and design activities.

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

This item supports the City's goal of utilizing asset management strategies and improve the efficacy of operations.

BUDGET IMPACT: As discussed above, the cost estimate to complete this work is \$85,830. The adopted 2022 Budget in the Stormwater Fund has sufficient budget to support this activity.

RECOMMENDATION: This item is for Council's information only. Staff proposes to place the Professional Services Agreement with Stantec on the August 1, 2022 Consent Agenda for Council's consideration.