



February 16, 2023

Mayor Meghan Lahti
City of Port Moody
100 Newport Drive
Port Moody, BC V3H 3E1

Dear Mayor Lahti and Council,

Thank you for your letter from January 31, 2023, regarding the Sasamat Lake dam project. I'm happy to provide additional details based on your questions.

We realize there is public interest in the outcome of our decision regarding replacement or decommissioning of the Sasamat Lake dam. As previously shared, Imperial has been meeting with the impacted municipal and First Nation governments to share details of the technical reports related to the replacement and decommissioning scenarios and gather feedback on both options.

To date, most of the questions and concerns received have been focused on the decommissioning scenario and impacts to the lake level and recreational uses. Once a final decision has been reached, Imperial will work with Metro Vancouver, the municipal and First Nations governments to help communicate next steps and timelines with the public. We recognize and respect the relationships you have with your citizens and lake users.

At this stage of the project, Imperial continues to solicit feedback on both options from the stakeholders identified. Once a decision has been made, the design of either option will be progressed further to better understand the cost of the project. Imperial is committed to making a decision that is in the best interest of all impacted stakeholders and users of Sasamat Lake.

In terms of water surface reduction in a decommissioning scenario, here is a summary of what may be anticipated:

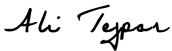
- Sasamat Lake has an approximate surface area of 472,000 m² when the water is near the current dam spillway elevation of 42.6 m. In the event of decommissioning the dam, Sasamat Lake would have an approximate surface area of 442,000 m², when the water level is near the estimated outlet elevation of 40.8 m, associated with the top of bedrock below the current dam.
- The impacts of a decreased lake level are discussed in the Stantec reports provided to the City of Port Moody. The summary highlights are as follows:
 1. Vegetation and Wildlife
 - a. Reduction of wetlands
 - b. Change in stability of habitat for breeding amphibians

- c. Long-term viability of local or regional wildlife populations not expected to change
 - d. Restoration would be completed to mitigate changes to vegetation and wetlands along the lake shoreline
2. Fish habitat and water quality
- a. Temporary riparian disconnection, substrate mobilization and changes in wetland distribution
 - b. Altered connectivity of inlet tributaries to Sasamat Lake
 - c. Peak storm flows could increase the erosion potential within the creek.

Imperial is committed to continuing to foster open dialogue and engagement around the two dam scenarios with all the stakeholders. We appreciate the City's input and look forward to sharing new information as it becomes available.

Thank you for your letter, and I hope this additional information addresses your questions. Happy to discuss further.

Sincerely,

DocuSigned by:

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Ali Tejpar
Project Manager
Imperial