



STAFF REPORT

MAYOR AND COUNCIL
VILLAGE OF SAYWARD

FROM: John France, Acting CAO
RE: Dam Update Report

Background

The Dam Rehab project originally approved included maintaining the Dam in its current size with considerable work cleaning the surface, dredging, clearing local vegetation, earthquake pinning and several studies. Council subsequently reviewed other options including lowering or taking the Dam out completely. A fourth option, creating a weir upstream and demolishing the Dam was considered and agreed upon as the preferred option. This option was the most cost effective.

Council approved a budget of \$986,213 on June 4, 2019. However, weather delays pushed the project into 2020.

Discussion

The project was planned for completion in 2020 at a cost of \$1,162,896, an increase of \$176,783 over 2019.

Description	Budget (2019)	Spent (2019)	Budget remaining	New budget (2020)	Total Budget to Project Comp.
Project management, engineering, environmental	\$169,000	\$143,488	\$25,513		\$169,000
Construction 2019	\$817,113	\$387,224	\$429,889		\$817,113
PM, engineering and environment (2020)		-		\$60,000	\$60,000
Construction change orders to completion (net value, includes weir redesign and 2019 weather shutdown costs) (2020)		-		\$66,783	\$66,783
Project contingency (2020)				\$50,000	\$50,000
Total	\$986,113	\$530,711	\$455,402	\$176,783	\$1,162,896

Subsequent delays prevented the project from being completed in 2020. Staff have been working with the consultant and contractor to determine where we are at with costs incurred in 2020, cost to complete the works in 2021 and any other operational/contractual issues. Here are the current outstanding issues:

1. **Pumps:** Due to the bad weather in September/October 2019 two pumps could not be retrieved from the works and rental charges of approximately \$20,000 have accrued since that time. Although there was a small break in the weather in late September, there was

- insufficient time to get the pumps due to water flows. A change order will be processed and presented to Council for a decision.
2. **Price Revision:** The Contractor is working on revised costs for 2021. It is reasonable to assume pricing costs have increased, at this time, increases are estimated to be minor. Staff/Consultant will be working on a second change order to summarize these costs and will bring the info to Council for a decision. This means, if the cost increases are negligible, Council should be able to commit sufficient funding for the completion of the project in 2021. Making this decision soon will provide certainty and allow our contractor to plan the work.
 3. **Permits:** All permits to do the work are in place except for the Fisheries permit which has expired. The Fisheries rep for our area has had a look at the site and has voiced concern about the concrete we have planned to leave in the stream bed. To be clear, we had approval from DFO for this part of the plan. I have asked our consultant to immediately follow up to determine if there are any issues with the permit. This may become a cost issue.
 4. **Holdback:** The contractor is requesting release of his holdback which we have held for two years. This is an unusual situation due to the delays incurred on the project. However, the purpose of the holdback is to protect the interests of the Village should the contractor walk away from the project. The contractor and consultant are preparing a note on this item, Staff will include it in the next Dam report. The holdback is currently at approx. \$40,000.

Staff have attached a detailed costing of the project, not including 2021 costs, as well as an outline of the change orders for 2020. We have been advised the project has been extended to March 2023.

The additional funding for the project has been requested from the Province, so far there has been no favorable response. There may be new programs coming online soon which may be of use, Staff will continue to track these funding sources. If no outside sources are found, Council should consider the use of reserves to complete the project. This will provide certainty to the project and weather permitting allow us to complete it 2021. No decision on additional funding is needed at this time.

Staff Recommendations

THAT the Dam Update Report be received for information and discussion, and;
THAT Staff bring back a report to Council on the change orders and revised costs.

Respectfully submitted,

John France Acting CAO