

February 29, 2024

Connie Chapman, P. Ag.
Director and Comptroller of Water Rights
Ministry of Water, Land and Resource Stewardship
PO Box 9340 Stn Prov Govt
Victoria, BC V8W 9M1

Dear Ms. Chapman:

**Re: Wahleach Project Water Use Plan
Monitoring Programs and Physical Works Annual Report 2024**

Your letter approving the Wahleach Project Monitoring Program and Physical Works Terms of Reference states that BC Hydro is required to submit an annual report as well as individual monitoring program reports in February of each year. As per your approval email dated February 10, 2020, recognizing that WAHWORKS-2 Wahleach Reservoir Fertilization Program is the only project left in implementation under the Wahleach Project Water Use Plan, the annual report for 2023 is provided via this letter.

WAHWORKS-2 Wahleach Reservoir Fertilization Program

The objective of this program is to restore Kokanee abundance in Wahleach Reservoir through annual application of nutrient fertilizer from June through October.

This physical works was initiated in 2005 and is still underway. On February 5, 2021, your office approved our request to extend this study until December 31, 2023. This extension allowed the Ministry of Environment and Climate Change Strategy to continue to deliver this program under a Memorandum of Understanding with BC Hydro. BC Hydro, in consultation with the Ministry of Environment, recommended that the fertilization program continue until completion of the Water Use Plan Order Review when a long-term decision can be made on the reservoir fertilization. The WUP Order Review is underway but not yet complete. We are preparing to submit a letter to your office by May 2024 with a request to extend this program for up to three years to allow time for the Order Review process to finish and a decision to be made about the future of this program.

The following individual project reports can be found on our Extranet site:
<https://extranet.bchydro.com/sites/wlre/CWR/Forms/AllItems.aspx>

- WAHWORKS-2 Wahleach Reservoir Fertilization Program (YR 18 dated October 2023)

Although fieldwork will complete in 2023, final comprehensive reporting deliverables will not be received until early 2025. The updated financial information for all projects is in Table 1 below.

Table 1: Wahleach Water Use Plan Monitoring Programs and Physical Works Costs – 2024

Monitoring Programs	Costs approved by CWR	Life to Date Actuals (LTD)	Estimated to Complete (Forecast)	Total Forecast (LTD and Forecast)	Variance Total to Approved	Explanation	Corrective Action
Wahleach WUP Annual Report	\$14,359	\$14,260	\$0	\$14,260	\$99		
WAHM01A Fish Productivity Ind	\$1,335,486	\$543,778		\$543,778	\$791,708	Project Completed	
WAHM01A Fish Productivity Ind - ONR DM	\$147,986	\$63,483		\$63,483	\$84,503		
WAHM01A Fish Productivity Ind - ONR Imp	\$1,187,500	\$480,294		\$480,294	\$707,206		
WAHM02A Channel Stability Ass	\$227,278	\$173,845		\$173,845	\$53,433	Project Completed	
WAHM02A Channel Stability Ass - ONR DM	\$74,678	\$29,950		\$29,950	\$44,728		
WAHM02A Channel Stability Ass - ONR Imp	\$152,600	\$143,895		\$143,895	\$8,705		
WAHM03A Herrling Island Side	\$479,514	\$330,230		\$330,230	\$149,284	Project Completed	
WAHM03A Herrling Island Side - ONR DM	\$141,814	\$47,128		\$47,128	\$94,686		
WAHM03A Herrling Island Side - ONR Imp	\$337,700	\$283,102		\$283,102	\$54,598		
WAHW01A Boulder Cr Flow Byp	\$1,330,034	\$296,890		\$296,890	\$1,033,144	Project Completed	
WAHW01A Boulder Cr Flow Byp - ONR DM	\$265,918	\$48,470		\$48,470	\$217,448		
WAHW01A Boulder Cr Flow Byp - ONR Imp	\$283,116	\$179,728		\$179,728	\$103,388		
WAHW01A Boulder Cr Flow Byp - CAP Imp	\$781,000	\$68,692		\$68,692	\$712,308		
WAHW02A Fertilization Progr	\$2,165,467	\$2,139,095	\$734,256	\$2,873,351	(\$707,884)	3-year extension forecast	Resubmit TOR by May 2024
WAHW02A Fertilization Progr - ONR DM	\$78,723	\$78,701	\$26,170	\$104,870	(\$26,147)		
WAHW02A Fertilization Progr - ONR Imp	\$2,086,744	\$2,060,395	\$708,086	\$2,768,481	(\$681,737)		
WAHW03A Lower WAH Channel	\$241,609	\$111,913		\$111,913	\$129,696	Project Completed	
WAHW03A Lower WAH Channel - ONR DM	\$67,659	\$31,885		\$31,885	\$35,774		
WAHW03A Lower WAH Channel - ONR Imp	\$173,950	\$80,028		\$80,028	\$93,922		
OR - Ordered Remissible							
ONR - Ordered Non-Remissible							

* Red values in parentheses denote overage.

Should you have any questions please do not hesitate to contact me.

Regards,

A handwritten signature in black ink, appearing to read "Donald Reid".

Donald Reid, P. Geo., R.P.Bio.
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Encl.

C:
Shelley Moss, BC Hydro
Manjit Kerr-Upal, Ministry of Water, Lands, and Resource Stewardship
Daniel Sneep, Fisheries and Oceans Canada