

April 30, 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: Coquitlam - Buntzen Project Water Use Plan  
Monitoring Programs and Physical Works Annual Report 2024**

Your letters approving the Coquitlam – Buntzen Water Use Plan monitoring program and physical works Terms of Reference state that BC Hydro is required to submit an annual report as well as individual monitoring program reports in April of each year.

Please find enclosed the 2024 Coquitlam – Buntzen Water Use Plan Annual Report for the implementation period April 2023 to March 2024. As per our submission dated April 29, 2022, the annual report for 2024 is provided via this letter.

**COQMON-7 Lower Coquitlam River Fish Productivity Index**

The objective of this monitoring program is to measure the change in fish productivity that occurs between two test flow regimes for the Lower Coquitlam River (Treatments 1 & 2). Program results will inform the flow regime for the Lower Coquitlam River. This program was initiated in 2006 and was scheduled to conclude in 2017. A study extension, for a three-year term, was approved in 2018.

Data collection during the first test flow regime was completed between 2000 and 2008. Data collection during the second test flow regime began in 2009 and was scheduled to be complete after the 2020 field season. Analysis of the long-term data set in 2020 suggested that not all management questions had been answered, so the program was extended for an additional three years. The 2023 field season was the final year of monitoring, and this program is now complete, except for reporting. The Year 16 (2021) report is attached. The Year 17 (2022) and Year 18 (2023) reports are in draft and will be submitted with the following annual report.

The following individual project reports can be found on our Extranet site:

<https://extranet.bchydro.com/sites/wlre/CWR/Forms/AllItems.aspx>

- COQMON-07 Lower Coquitlam River Fish Productivity Index (YR 16 dated April 1, 2024)

The updated financial information is in Table 1 below.

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
<b>Coquitlam WUP Annual Report</b>	\$32,353	\$20,179	\$0	\$20,179	\$12,174	
<b>COQM01A Access to Streams</b>	\$26,582	\$20,615	\$0	\$20,615	\$5,967	Project complete
COQM01A Access to Streams - OR DM	\$16,322	\$8,434		\$8,434	\$7,888	
COQM01A Access to Streams - OR Imp	\$10,260	\$12,181		\$12,181	(\$1,921)	
<b>COQM02A Dam Flow Release R</b>	\$233,913	\$210,989	\$0	\$210,989	\$22,924	Project complete
COQM02A Dam Flow Release R - OR DM	\$46,009	\$77,171		\$77,171	(\$31,162)	
COQM02A Dam Flow Release R - OR Imp	\$187,904	\$133,819		\$133,819	\$54,085	
<b>COQM03A Fish Habitat Suitabil</b>	\$115,374	\$107,160	\$0	\$107,160	\$8,214	Project complete
COQM03A Fish Habitat Suitabil - OR DM	\$31,018	\$31,052		\$31,052	(\$34)	
COQM03A Fish Habitat Suitabil - OR Imp	\$84,356	\$76,109		\$76,109	\$8,247	
<b>COQM04A Pink Salmon Passage</b>	\$70,698	\$53,106	\$0	\$53,106	\$17,592	Project complete
COQM04A Pink Salmon Passage - OR DM	\$32,947	\$15,355		\$15,355	\$17,592	
COQM04A Pink Salmon Passage - OR Imp	\$37,751	\$37,751		\$37,751		
<b>COQM05A Periphyton &amp; Benthic</b>	\$268,770	\$239,911	\$0	\$239,911	\$28,859	Project complete
COQM05A Periphyton & Benthic - OR DM	\$29,883	\$15,437		\$15,437	\$14,446	
COQM05A Periphyton & Benthic - OR Imp	\$238,887	\$224,473		\$224,473	\$14,414	
<b>COQM06A Lower COQ River Temp</b>	\$62,539	\$62,128	\$0	\$62,128	\$411	Project complete
COQM06A Lower COQ River Temp - OR DM	\$12,969	\$12,547		\$12,547	\$422	
COQM06A Lower COQ River Temp - OR Imp	\$49,570	\$49,580		\$49,580	(\$10)	
<b>COQM07A Fish Productivity Ind</b>	\$4,888,122	\$4,755,743	\$10,733	\$4,766,476	\$121,646	Project complete
COQM07A Fish Productivity Ind - OR DM	\$205,140	\$224,326	\$1,970	\$226,296	(\$21,156)	
COQM07A Fish Productivity Ind - OR Imp	\$4,682,982	\$4,531,417	\$8,763	\$4,540,180	\$142,802	
<b>COQM08A Substrate Quality Ass</b>	\$416,664	\$416,664	\$0	\$416,664	\$0	Project complete
COQM08A Substrate Quality Ass - OR DM	\$80,392	\$49,619		\$49,619	\$30,774	
COQM08A Substrate Quality Ass - OR Imp	\$336,272	\$367,045		\$367,045	(\$30,773)	
<b>COQW01A Mod COQ Dam Release</b>	\$867,977	\$867,979	\$0	\$867,979	(\$2)	Project complete
COQW01A Mod COQ Dam Release - OR DM	\$9,279	\$57,185		\$57,185	(\$47,906)	
COQW01A Mod COQ Dam Release - OR Imp	\$858,698	\$810,794		\$810,794	\$47,904	

OR - Ordered Remissible  
 ONR - Ordered Non-Remissible

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

Regards,



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Encl.

C:

Manjit Kerr-Upal, Ministry of Environment  
 Dan Snee, Fisheries and Oceans Canada