

July 30, 2021

Ted White, B.Sc.
 Director and Comptroller of Water Rights
 Ministry of Forests, Lands, Natural Resource Operations and Rural Development
 PO Box 9340 Stn Prov Govt
 Victoria, BC V8W 9M1

Dear Mr. White:

**Re: Puntledge River Project Water Use Plan
 Monitoring Programs and Physical Works Annual Report 2021**

Your letters approving the Puntledge River Water Use Plan monitoring programs 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 July of each year. As per your approval email dated July 25, 2019, recognizing that PUNWORKS-1 Gravel Replacement in the Puntledge River is the only project left in implementation under the Puntledge River Water Use Plan, the annual report for 2021 is provided via this letter.

PUNWORKS-1 Gravel Replacement in the Puntledge River

This project is for the placement and periodic maintenance of approximately 2000 square metres of spawning gravel in the Puntledge River which is to be undertaken in consultation with agencies.

On November 3, 2020 BC Hydro received approval of Terms of Reference (TOR) Addendum 1 to proceed with to the alternative project site (Pad A), which is located on the Puntledge River just below Comox Dam. On July 23, 2021, BC Hydro submitted a budget increase request due to a change in the construction methodology of the temporary access road ensuring safe access for the trucks and equipment to the project site (Pad A). The construction work is tentatively planned for late August 2021, with completion by the end of September 2021.

The revised PUNWORKS-1 project schedule currently extends this work into fall of 2021, pending receipt of necessary permits. The updated financial information is in Table 1 below.

Table 1: Puntledge River WUP Monitoring Programs and Physical Works Costs

Monitoring Programs and Physical Works	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
Puntledge WUP Annual Report	\$6,978	\$5,281	\$0	\$5,281	\$1,696		
PUNM01A Adult Fish Passage Mo	\$355,431	\$321,459		\$321,459	\$33,972	Project Complete	
PUNM01A Adult Fish Passage Mo - OR DM	\$58,961	\$52,080		\$52,080	\$6,881		
PUNM01A Adult Fish Passage Mo - OR Imp	\$296,470	\$269,379		\$269,379	\$27,091		
PUNM02A Egg Incubation Assess	\$100,962	\$95,351		\$95,351	\$5,611	Project Complete	
PUNM02A Egg Incubation Assess - OR DM	\$20,862	\$16,091		\$16,091	\$4,771		
PUNM02A Egg Incubation Assess - OR Imp	\$80,100	\$79,259		\$79,259	\$841		
PUNM03A Steelhead Production	\$346,928	\$332,803		\$332,803	\$14,125	Project Complete	
PUNM03A Steelhead Production - OR DM	\$70,228	\$61,401		\$61,401	\$8,827		
PUNM03A Steelhead Production - OR Imp	\$276,700	\$271,401		\$271,401	\$5,299		
PUNM04A Stranding Assessment	\$15,841	\$15,251		\$15,251	\$590	Project Complete	
PUNM04A Stranding Assessment - OR DM	\$7,472	\$7,046		\$7,046	\$426		
PUNM04A Stranding Assessment - OR Imp	\$8,369	\$8,204		\$8,204	\$165		
PUNM05A Kayak Cost Benefit - ONR		\$964		\$964	(\$964)	Project Complete	
PUNM05A Kayak Cost Benefit - ONR DM OS		\$7		\$7	(\$7)		
PUNM05A Kayak Cost Benefit - ONR Imp OS		\$957		\$957	(\$957)		
PUNM05A Kayak Cost Benefit - OR	\$64,094	\$64,094		\$64,094	(\$0)	Project Complete	
PUNM05A Kayak Cost Benefit - OR DM	\$27,894	\$27,894		\$27,894	(\$0)		
PUNM05A Kayak Cost Benefit - OR Imp	\$36,200	\$36,200		\$36,200	(\$0)		
PUNW01A Gravel Replacement	\$628,044	\$154,633	\$562,758	\$771,590	(\$143,546)	Higher cost than anticipated for constructing safe access to the site.	A request for an increase in budget was submitted on July 23, 2021.
PUNW01A Gravel Replacement - OR DM	\$130,482	\$85,828	\$54,199	\$140,027	(\$9,545)		
PUNW01A Gravel Replacement - OR Imp	\$497,562	\$68,805	\$562,758	\$631,563	(\$134,001)		

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,



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C:
 Shelley Moss, BC Hydro
 Manjit Kerr-Upal, Ministry of Environment
 Dan Snee, Fisheries and Oceans Canada