

July 31, 2020

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 2020**

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 2020 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 December 3, 2018, BC Hydro received approval of a Terms of Reference (TOR) for PUNWORKS-1 to proceed to definition and implementation stages, as it was anticipated that the access issues via a private property were near resolution. Unfortunately, BC Hydro and the private landowner were unable to reach a suitable agreement. As part of the design and specification validation for this work, we have revisited alternative locations since last summer. A Terms of Reference Addendum has been drafted and will be sent for comment to regulators and First Nations by the end of August 2020. Once comments are received and incorporated, we will submit the TOR Addendum to your office for approval.

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	\$905	\$6,186	\$791		
PUNM01A Adult Fish Passage Mo	\$355,431	\$321,459		\$321,459	\$33,972	Project Completed	
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 Completed	
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 Completed	
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 Completed	
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 Completed	
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 Completed	
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	\$397,365	\$109,797	\$317,455	\$427,252	(\$29,887)	The current forecast does not include anticipated spend. A TOR Addendum will be submitted in the fall of 2020.	
PUNW01A Gravel Replacement - OR DM	\$139,889	\$58,796	\$29,448	\$88,244	\$51,645		
PUNW01A Gravel Replacement - OR Imp	\$257,476	\$51,001	\$288,007	\$339,008	(\$81,532)		

OR - Ordered Remissible
 ONR - Ordered Non-Remissible

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

Regards,



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