

August 31, 2023

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

Dear Ms. Chapman:

**Re: Peace Project Water Use Plan
Peace River Management Plan Annual Report 2023**

Your letters approving the Peace Project Water Use Plan (WUP) 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 each year. Your letter dated July 16, 2015, approves the split of the Peace Project Annual Report into four separate submissions. The Peace River Management Plan, which includes those projects in Schedule C of the Order, is due in August of each year.

Please find enclosed the 2023 Peace River Management Plan Annual Report for the implementation period August 2022 to July 2023. As per our submission dated August 30, 2019, recognizing that Lynx Creek Boat Launch Maintenance, Halfway River Boat Launch Maintenance, and Taylor Boat Launch Maintenance (GMSWORKS-29, GMSWORKS-52, and GMSWORKS-63) are the only projects remaining in implementation under Schedule C, the annual report for 2023 is provided via this letter. Also, as per the 2021 Annual Report BC Hydro requested relief from Peace River Side Channels (GMSWORKS-3), which was approved in a letter dated April 5, 2022.

GMSWORKS-29 Lynx Creek Boat Launch Maintenance

This project maintains the Lynx Creek boat launch, which was constructed prior to the completion of the Peace WUP.

Annual maintenance of the existing boat launch in accordance with the Terms of Reference (TOR) approved by the CWR on May 7, 2010, was paused in 2023 as the site is no longer accessible to the public. Construction of the new Lynx boat launch is well underway for the Site C reservoir. We will make additional submissions related to WUP Order Clause 2(a), Schedule C, and related to the Water Licence C132990, as required ahead of the new ramp being open to the public.

GMSWORKS-52 Halfway River Boat Launch Maintenance

This project maintains the Halfway River boat launch.

In 2023, annual maintenance of the existing boat launch occurred in accordance with the CWR letter dated April 3, 2012. The boat launch is currently open and is accessible via the old Highway 29. Construction of the new Halfway River boat launch is well underway for the Site C reservoir. We will continue to maintain the original Halfway River site during the recreation season (until October 31), or until the access to the site is closed to the public, whichever comes first. After the site is closed, we will pause the maintenance program.

We will make additional submissions related to WUP Order Clause 2(b), Schedule C, and related to the Water Licence C132990, as required ahead of the new ramp being open to the public.

GMSWORKS-63 Taylor Boat Launch Maintenance

This project maintains the Taylor boat launch located in Peace Island Park. Boat launch design was completed in the GMSWORKS-30 project and boat launch construction was completed in the GMSWORKS-38 project.

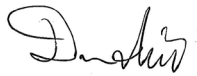
On March 27, 2018, BC Hydro submitted a revised TOR for maintenance of the boat launch until 2027. The resubmission defined the area of responsibility and included a structural maintenance budget which was approved by the CWR on May 24, 2018.

Annual maintenance on the upgraded boat launch at Taylor continues, which includes periodic engineering inspections. A bathymetric survey of the launch area will be completed in August or early September 2023 for ongoing monitoring of the erosion and morphology adjacent to the ramp. The boat launch is currently open.

The updated financial information is in Table 1 at the end of the letter.

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

Regards,



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Encl.

C:

Shelley Moss, BC Hydro
Bob Gammer, BC Hydro
Manjit Kerr-Upal, Ministry of Water, Land and Resource Stewardship
Maria Sotiropoulos, Fisheries and Oceans Canada
Dan Snee, Fisheries and Oceans Canada

Table 1: Peace River Management Plan WUP Monitoring Program and Physical Works Costs

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
Peace River WUP Annual Report	\$56,321	\$52,485	\$425	\$52,910	\$3,411		
GMSM01A PCR Creel Survey	\$9,937	\$9,938		\$9,938	(\$1)	Project cancelled	
GMSM01A PCR Creel Survey - OR DM	\$9,937	\$9,938		\$9,938	(\$1)		
GMSM01A PCR Creel Survey - OR Imp	\$0				\$0		
GMSM02A PCR Fish Index	\$2,285,174	\$1,498,663		\$1,498,663	\$786,511	Project cancelled	
GMSM02A PCR Fish Index - OR DM	\$112,133	\$63,172		\$63,172	\$48,961		
GMSM02A PCR Fish Index - OR Imp	\$2,173,041	\$1,435,492		\$1,435,492	\$737,549		
GMSM05A PCR Productivity	\$1,133,979	\$228,183		\$228,183	\$905,796	Project cancelled	
GMSM05A PCR Productivity - OR DM	\$129,576	\$35,925		\$35,925	\$93,651		
GMSM05A PCR Productivity - OR Imp	\$1,004,403	\$192,258		\$192,258	\$812,145		
GMSM07A PCR Side Channel Fish	\$841,652	\$234,903		\$234,903	\$606,749	Project cancelled	
GMSM07A PCR Side Channel Fish - OR DM	\$148,761	\$42,891		\$42,891	\$105,870		
GMSM07A PCR Side Channel Fish - OR Imp	\$692,891	\$192,012		\$192,012	\$500,879		
GMSW01A PCR Aerial Photos	\$709,995	\$233,073		\$233,073	\$476,922	Project cancelled	
GMSW01A PCR Aerial Photos - OR DM	\$15,318	\$11,536		\$11,536	\$3,782		
GMSW01A PCR Aerial Photos - OR Imp	\$694,677	\$221,537		\$221,537	\$473,140		
GMSW03A PCR Trial Side Chan	\$2,477,678	\$1,280,078		\$1,280,078	\$1,197,600	Project cancelled	
GMSW03A PCR Trial Side Chan - OR DM	\$48,977	\$57,933		\$57,933	(\$8,956)		
GMSW03A PCR Trial Side Chan - OR Imp	\$2,428,701	\$1,222,146		\$1,222,146	\$1,206,555		
GMSW04A PCR Hydraulic Habit - ONR		\$27,464		\$27,464	(\$27,464)	Project complete	
GMSW04A PCR Hydraulic Habit - ONR DM OS		\$3,690		\$3,690	(\$3,690)		
GMSW04A PCR Hydraulic Habit - ONR Imp OS		\$23,774		\$23,774	(\$23,774)		
GMSW04A PCR Hydraulic Habit - OR	\$134,816	\$134,815		\$134,815	\$1	Project complete	
GMSW04A PCR Hydraulic Habit - OR DM	\$17,728	\$17,727		\$17,727	\$1		
GMSW04A PCR Hydraulic Habit - OR Imp	\$117,088	\$117,088		\$117,088	\$0		
GMSW05A PCR Hydraulic Model	\$270,648	\$211,269		\$211,269	\$59,379	Project complete	
GMSW05A PCR Hydraulic Model - OR DM	\$31,742	\$31,604		\$31,604	\$138		
GMSW05A PCR Hydraulic Model - OR Imp	\$238,906	\$179,665		\$179,665	\$59,241		
GMSW06A PCR Mainstem Stage	\$306,437	\$295,755		\$295,755	\$10,682	Project complete	
GMSW06A PCR Mainstem Stage - OR DM	\$39,515	\$33,755		\$33,755	\$5,760		
GMSW06A PCR Mainstem Stage - OR Imp	\$266,922	\$262,000		\$262,000	\$4,922		
GMSW07A PCR Riparian Habit	\$181,857	\$153,336		\$153,336	\$28,521	Project complete	
GMSW07A PCR Riparian Habit - OR DM	\$22,854	\$31,569		\$31,569	(\$8,715)		
GMSW07A PCR Riparian Habit - OR Imp	\$159,003	\$121,768		\$121,768	\$37,235		
GMSW10A PCR Industry & Tay	\$220,253	\$160,555		\$160,555	\$59,698	Project complete	
GMSW10A PCR Industry & Tay - OR DM	\$69,761	\$27,723		\$27,723	\$42,038		
GMSW10A PCR Industry & Tay - OR Imp	\$150,492	\$132,832		\$132,832	\$17,660		
GMSW13A PCR Recreation Acc	\$326,409	\$131,146		\$131,146	\$195,263	Project complete	
GMSW13A PCR Recreation Acc - OR DM	\$96,825	\$16,632		\$16,632	\$80,193		
GMSW13A PCR Recreation Acc - OR Imp	\$229,584	\$114,514		\$114,514	\$115,070		
GMSW29A Lynx Creek BL Maintenance	\$280,376	\$8,331		\$8,331	\$272,045	Budget includes contingency that has not been used	
GMSW29A Lynx Creek BL Maintenance- OR DM	\$91,709	\$4,554		\$4,554	\$87,155		
GMSW29A Lynx Creek BL Maintenance OR Imp	\$188,667	\$3,777		\$3,777	\$184,890		
GMSW30A Taylor BL Design	\$260,501	\$256,014		\$256,014	\$4,487	Project complete	
GMSW30A Taylor BL Design - OR DM	\$2,641	\$21,005		\$21,005	(\$18,364)		
GMSW30A Taylor BL Design - OR Imp	\$257,860	\$235,009		\$235,009	\$22,851		
GMSW38A Taylor BL Construction	\$5,408,200	\$5,404,955		\$5,404,955	\$3,245	Project complete	
GMSW38A Taylor BL Construction - OR DM	\$145,100	\$36,392		\$36,392	\$108,708		
GMSW38A Taylor BL Construction - OR Imp	\$5,263,100	\$5,368,563		\$5,368,563	(\$105,463)		
GMSW40A BRD Blackfoot Park BL	\$93,732	\$93,732		\$93,732	\$0	Project complete	
GMSW40A BRD Blackfoot Park BL- OR DM	\$17,508	\$17,508		\$17,508			
GMSW40A BRD Blackfoot Park BL- OR Imp	\$76,224	\$76,224		\$76,224			
GMSW41A BRD Halfway R BL Design	\$0	\$52,642		\$52,642	(\$52,642)	Costs associated with design prior to project suspension	
GMSW41A BRD Halfway R BL Design - OR DM	\$0	\$11,093		\$11,093	(\$11,093)		
GMSW41A BRD Halfway R BL Design - OR Imp	\$0	\$41,549		\$41,549	(\$41,549)		
GMSW48A BRC Blackfoot Pk BL Maint	\$45,481	\$45,481		\$45,481	(\$0)	Project cancelled	
GMSW48A BRC Blackfoot Pk BL Maint- OR DM	\$5,026	\$5,026		\$5,026	(\$0)		
GMSW48A BRC Blackfoot Pk BL Maint-OR Imp	\$40,455	\$40,455		\$40,455	(\$0)		
GMSW52A Halfway River BL Design	\$180,000	\$73,958	\$10,135	\$84,092	\$95,908	Budget includes contingency that has not been used	
GMSW52A Halfway River BL Design - OR DM	\$0	\$17,694	\$675	\$18,369	(\$18,369)		
GMSW52A Halfway River BL - OR Imp	\$180,000	\$56,264	\$9,460	\$65,724	\$114,276		
GMSW55A Blackfoot BL Maintenance	\$0			\$0	\$0		
GMSW55A Blackfoot BL Maintenance - OR DM	\$0				\$0		
GMSW55A Blackfoot BL Maintenance- OR Imp	\$0				\$0		
GMSW63A Taylor BL Maintenance	\$566,951	\$73,038	\$96,429	\$169,467	\$397,484	Budget includes contingency that has not been used	
GMSW63A Taylor BL Maintenance - OR DM	\$38,731	\$28,203	\$2,429	\$30,631	\$8,100		
GMSW63A Taylor BL Maintenance - OR Imp	\$528,220	\$44,836	\$94,000	\$138,836	\$389,384		

* Red values in parentheses denote overage.