

January 31, 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: Columbia River Project Water Use Plan
Kinbasket Fish and Wildlife Information Management Plan Annual Report 2024**

Your letter approving the Kinbasket Fish and Wildlife Information Management Plan monitoring programs Terms of Reference states that BC Hydro is required to submit an annual report as well as individual monitoring program reports in January of each year. As there is only one final study in implementation, an email from your office dated January 7, 2022 approved submission of this annual report as a letter. The update associated with CLBMON-08 is provided below.

CLBMON-8 Kinbasket Reservoir Monitoring of the Valemount Peatland

The objective of CLBMON-8 is to measure the type and rate of erosion that is occurring at the Valemount Peatland located at the northern extent of Kinbasket Reservoir and to examine how vegetation and wildlife species have responded to this erosion.

Years one and two for this project were completed in 2008 and 2009. The project was implemented again in 2019 under a TOR addendum (approved February 2019) to use remote sensing technology and field measurements to detect fine-scale erosion. The TOR addendum also added work in 2024 to fly aerial photography and complete terrain mapping.

The final year of monitoring will occur in 2024.

The updated financial information for all projects in the Kinbasket Fish and Wildlife Information Management Plan is in Table 1 at the end of this letter.

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

Regards,



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Encl.

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

Table 1: Kinbasket Reservoir Fish and Wildlife Information Plan WUP Monitoring Programs 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
CLB MP1 Kin Fish & WL Annual Report	\$19,286	\$16,262	\$2,523	\$18,785	\$501		
C01M01A MCA DAM TGP MON	\$164,616	\$143,146		\$143,146	\$21,470	Project complete	
C01M01A MCA DAM TGP MON - OR DM	\$53,517	\$34,579		\$34,579	\$18,938		
C01M01A MCA DAM TGP MON - OR Imp	\$111,099	\$108,567		\$108,567	\$2,532		
C01M02A KIN & REV Kokanee Pop	\$1,362,811	\$1,341,991		\$1,341,991	\$20,820	Project complete	
C01M02A KIN & REV Kokanee Pop - OR DM	\$28,502	\$24,330		\$24,330	\$4,172		
C01M02A KIN & REV Kokanee Pop - OR Imp	\$1,334,309	\$1,317,661		\$1,317,661	\$16,648		
C01M03A KIN & REV Ecological	\$4,313,829	\$4,148,805		\$4,148,805	\$165,024	Final reporting underway.	
C01M03A KIN & REV Ecological - OR DM	\$157,106	\$184,879		\$184,879	(\$27,773)		
C01M03A KIN & REV Ecological - OR Imp	\$4,156,723	\$3,963,926		\$3,963,926	\$191,797		
C01M04A KIN: Stranding	\$266,061	\$265,643		\$265,643	\$418	Project complete	
C01M04A KIN: Stranding - OR DM	\$55,144	\$54,221		\$54,221	\$923		
C01M04A KIN: Stranding - OR Imp	\$210,917	\$211,423		\$211,423	(\$506)		
C01M05A KIN: Burbot Life	\$573,070	\$570,907		\$570,907	\$2,163	Project complete	
C01M05A KIN: Burbot Life - OR DM	\$42,658	\$40,495		\$40,495	\$2,163		
C01M05A KIN: Burbot Life - OR Imp	\$530,412	\$530,412		\$530,412			
C01M06A KIN: Bull Trout	\$512,596	\$420,148		\$420,148	\$92,448	Project complete	
C01M06A KIN: Bull Trout - OR DM	\$38,207	\$35,626		\$35,626	\$2,581		
C01M06A KIN: Bull Trout - OR Imp	\$474,389	\$384,522		\$384,522	\$89,867		
C01M07A KIN: Rainbow	\$519,961	\$500,546		\$500,546	\$19,415	Project complete	
C01M07A KIN: Rainbow - OR DM	\$39,617	\$41,241		\$41,241	(\$1,624)		
C01M07A KIN: Rainbow - OR Imp	\$480,344	\$459,304		\$459,304	\$21,040		
C01M08A KIN:Valemont Peatland	\$652,794	\$361,797	\$289,499	\$651,296	\$1,498	High DM costs due to internal resources for geomatics	None required
C01M08A KIN:Valemont Peatland - OR DM	\$97,693	\$90,639	\$77,478	\$168,117	(\$70,424)		
C01M08A KIN:Valemont Peatland - OR Imp	\$555,101	\$271,158	\$212,021	\$483,179	\$71,922		
C01M55A REV Res Macrophyte	\$147,184	\$141,583		\$141,583	\$5,601	Project complete	
C01M55A REV Res Macrophyte - ONR DM	\$28,017	\$37,731		\$37,731	(\$9,714)		
C01M55A REV Res Macrophyte - ONR Imp	\$119,167	\$103,852		\$103,852	\$15,315		
C01M56A KIN & REV Eco Pro	\$816,901	\$790,434		\$790,434	\$26,467	Project complete	
C01M56A KIN & REV Eco Pro - ONR DM	\$31,371	\$33,367		\$33,367	(\$1,996)		
C01M56A KIN & REV Eco Pro - ONR Imp	\$785,530	\$757,068		\$757,068	\$28,462		
C01M59A Nagle Creek	\$69,185	\$65,029		\$65,029	\$4,156	Project complete	
C01M59A Nagle Creek - ONR DM	\$17,426	\$15,897		\$15,897	\$1,529		
C01M59A Nagle Creek - ONR Imp	\$51,759	\$49,133		\$49,133	\$2,626		
C01M60A Fish Indexing	\$631,332	\$616,626		\$616,626	\$14,706	Project complete	
C01M60A Fish Indexing - ONR DM	\$66,880	\$78,636		\$78,636	(\$11,656)		
C01M60A Fish Indexing - ONR Imp	\$564,452	\$538,091		\$538,091	\$26,361		
C01M61A Wetland Veg	\$934,862	\$830,121		\$830,121	\$104,741	Project complete	
C01M61A Wetland Veg - ONR DM	\$72,200	\$44,539		\$44,539	\$27,661		
C01M61A Wetland Veg - ONR Imp	\$862,662	\$785,582		\$785,582	\$77,080		
C01M62A TGP Monitoring	\$222,556	\$203,451		\$203,451	\$19,105	Project complete	
C01M62A TGP Monitoring - ONR DM	\$48,306	\$32,948		\$32,948	\$15,358		
C01M62A TGP Monitoring - ONR Imp	\$174,250	\$170,503		\$170,503	\$3,747		

OR - Ordered Remissible
 ONR - Ordered Non-Remissible

*Red values in parentheses denote overage.