

# NECHAKO FISHERIES CONSERVATION PROGRAM

A Joint Program of the Government of Canada, Alcan and the Province of British Columbia

## NECHAKO FISHERIES CONSERVATION PROGRAM TECHNICAL COMMITTEE

DATE: April 20, 2001

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### Decision Record (2001/2002-2)

1. Based on the data from the emergent fry monitoring project, which indicates a higher than normal rate of emergence of juvenile Chinook, the Technical Committee has decided that the increase in spring releases from the Skins Lake Spillway should start immediately. However, the Technical Committee has not yet been able to get information on ice conditions on Murray and Cheslatta Lakes. Therefore, given the need to protect emerging fry but with reference to ice conditions on Murray and Cheslatta Lakes, Alcan will be instructed to increase Skins Lake Spillway release flows starting on April 21, 2001 and reaching the desired spring release of an average release of approximately 52.6 m<sup>3</sup>/sec on April 23, 2001.

  
J. Hwang

  
D. Bouillon

  
E. Petticrew

  
D. Cadden

Date: April 20, 2001

Project: 3086; Skins Lake Spillway Erosion Control Project

Annual Average Flow Rate = 36.8 m<sup>3</sup>/s (as per the 1987 Settlement Agreement)

TIME PERIOD (JD)	TIME (Days)	FLOW (m <sup>3</sup> /s)	Volume (m <sup>3</sup> /s*Days)
Apr01 (91) to Apr25 (115)	21	32.5	682.5
Apr26 (116) to Aug17 (229)	118	X	118X
Aug18 (230) to Sep01 (244)	15	14.2	213.0
Sep02 (245) to Mar 31 (90)	211	30.0	6330
	365		7,225.5 + 118X

Annual Volume = 36.8\*(365) = 13,432 m<sup>3</sup>/s\*Days = 7,225.5 + 118X  
 X = 52.6 m<sup>3</sup>/s (1,857 cfs)

**The Skins Lake Spillway release required for the 2001 spring flow is 52.6 m<sup>3</sup>/s (1,857 cfs)**