

NECHAKO FISHERIES CONSERVATION PROGRAM

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

NECHAKO RIVER TECHNICAL COMMITTEE DECISION RECORD

DATE: September 17, 2002

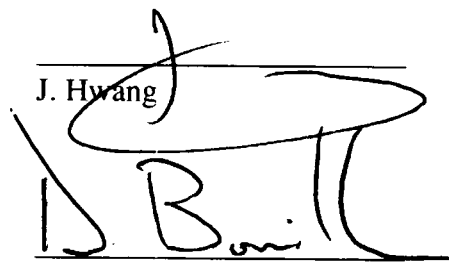
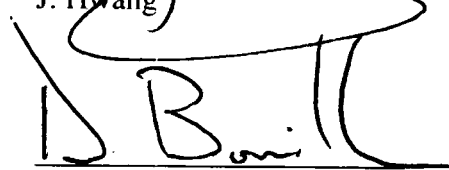
Decision Record (2002/03-3)

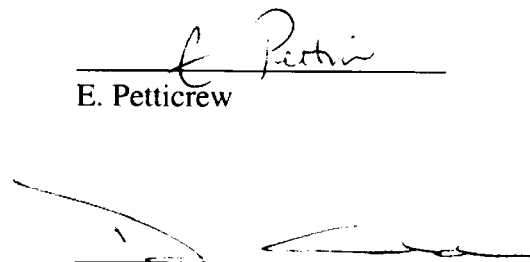

3. The Technical Committee has been made aware of the following:
- releases from the Skins Lake Spillway were decreased to 14.2 m³/s late on August 18. The purpose of this decrease in release was to initiate the decrease in flows in the Nechako River below Cheslatta Falls from 226m³/s to the fall chinook spawning flows.
 - the predicted recession of the flow in the Nechako River at Cheslatta Falls required the Skins Lake Spillway release to be increased late on September 2 to ensure that the Nechako River flow did not drop below the fall spawning flow.
 - As noted on the attached calculation sheet, the average flow of 30.0 m³/s is to be released from the Skins Lake Spillway from September 3 to March 31 to ensure release of the Annual Water Allocation.

Given the above, the Technical Committee has decided that Alcan be directed to maintain the Skins Lake Spillway release as follows:

- the average Skins Lake Spillway release over this period (September 3, 2002 to March 31, 2003) is at or above 30.0 m³/s;
- the minimum release from the reservoir is not less than 29.25 m³/s;

- releases from the Spillway to be managed in a manner to achieve release from the Nechako Reservoir of the annual water allocation without having to spike releases in the last part of the water year; and,
- the running average of the release be calculated and reported monthly to the Technical Committee.


J. Hwang

D. Bouillon


E. Petticrew

D. Cadden

Date: August 30, 2002

Project: 3320; NFCP Annual Water Allocation - Estimated Winter Base Release *

* NOTE: based on an assumed increase to the spring base flow on April 26, 2002
and an adjustment on April 30, 2002

Annual Average Flow Rate = 36.8 m³/s (as per the 1987 Settlement Agreement)

TIME PERIOD (JD)	TIME (Days)	FLOW (m ³ /s)	Volume (m ³ /s*Days)
Apr01 (91) to Apr25 (115)	25	31.00	775.0
Apr26 (116) to Apr29 (119)	4	52.70	210.8
Apr30 (120) to Aug17 (229)	110	53.7	5903.7
Aug18 (230) to Sep01 (244)	15	14.16	212.4
Sep02 (245) to Mar 31 (90)	211	X	211X
	365		7,101.9 + 211X

Annual Volume = 36.8*(365) = 13,432 m³/s*Days = 7,101.9 + 211X
X = 30.00 m³/s (1,059 cfs)

The Skins Lake Spillway release required for the 2002 spring flow is 30.00 m³/s (1,059 cfs)