

NECHAKO FISHERIES CONSERVATION PROGRAM

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

NECHAKO FISHERIES CONSERVATION PROGRAM TECHNICAL COMMITTEE

DATE: April 20, 2009

Decision Record (2009/10-1)

Skins Lake spillway discharge is normally increased from the base winter level to the spring discharge level of 49 cms in the last few weeks of April. As per NFCP consensus reached in the past, the exact date of the increase depends on ice conditions on Cheslatta Lake.

The spring increase will be delayed in 2009 until the ice on Cheslatta Lake has cracked free from shore around the perimeter of the lake. This approach is taken in order to minimize risk of drowning beaver that could get trapped under the ice cover if the water level increases quickly and there is an absence of breathing holes. An inspection is planned for April 21.

The Technical Committee agrees that RTA be directed to increase SLS discharge to 49 cms on May 1 pending the formation of open leads in the Cheslatta Lake system.




B. Nutton



D. Levy



J. Benckhuysen



T. Zimmerman

NECHAKO FISHERIES CONSERVATION PROGRAM

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

NECHAKO FISHERIES CONSERVATION PROGRAM TECHNICAL COMMITTEE

DATE: September 2, 2009

Decision Record (2009/10-2)

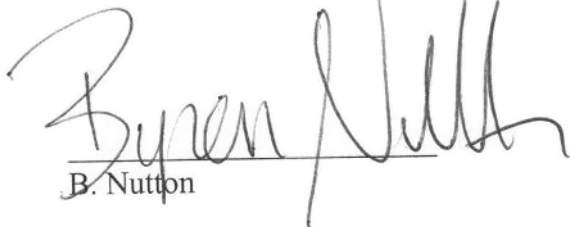
The Technical Committee has been made aware of the following:

- Releases from the Skins Lake Spillway (SLS) made as part of the Summer Temperature Management Project (STMP) were decreased to 14.2 m³/s late on August 18, 2009 to decrease flow in the Nechako River below Cheslatta Falls from the STMP base flow to the fall chinook spawning flows. The predicted recession of the flow in the Nechako River at Cheslatta Falls required the SLS release to be increased to 32.61 m³/s on September 2 to ensure that the flow in the Nechako River below Cheslatta Falls did not drop below 32.61 m³/s.
- As noted on the attached calculation sheet, the average flow of 32.61 m³/s is to be released from the Skins Lake Spillway from September 2 to March 31 to ensure the Annual Water Allocation is achieved.

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

- the average Skins Lake Spillway release over this period September 2, 2009 to March 31, 2010 is to be at or above 32.61 m³/s;
- the minimum release from the reservoir is not less than 31.0 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 latter part of the water year; and,

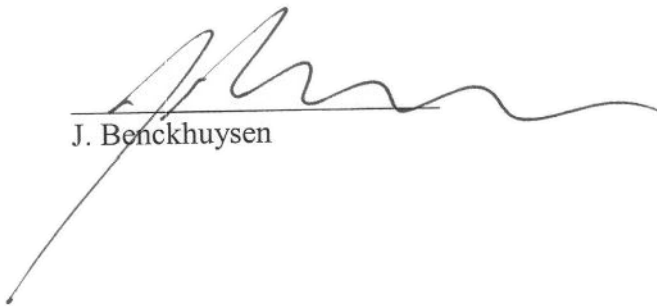
- the running average of the release is to be calculated and reported monthly to the Technical Committee.



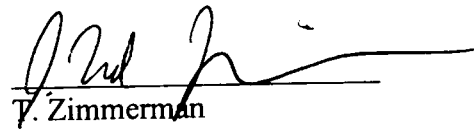
B. Nutton



D. Levy



J. Benckhuysen



T. Zimmerman

Date: August 21, 2009

Project: 4111; NFCP Annual Water Allocation - Estimated Winter Base Release

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 (09) to April 30 ()	30	32.66	979.8
May 1 to Aug17 (229)	109	49.0	5,341.0
Aug18 (230) to Sept 2	14	14.16	198.2
Sept 2 (245) to Mar31 (90)	212	X	212X
	365		6,519.0 + 212X

Annual Volume = 36.8*(365) = 13,432 m³/s*Days = 6,519.0 + 212X

X = 32.61 m³/s (1,152 cfs)

The Skins Lake Spillway release required to ensure release of the Annual Water Allocation by March 31, 2010 is 32.61 m³/s (1,152 cfs)

NECHAKO FISHERIES CONSERVATION PROGRAM

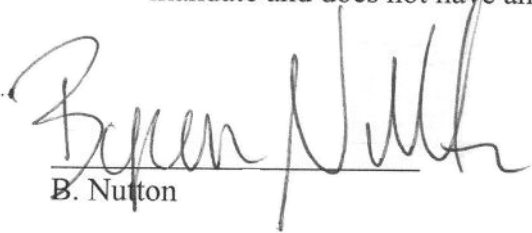
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NECHAKO FISHERIES CONSERVATION PROGRAM TECHNICAL COMMITTEE


DATE: September 8, 2009

Decision Record (2009/10-3)

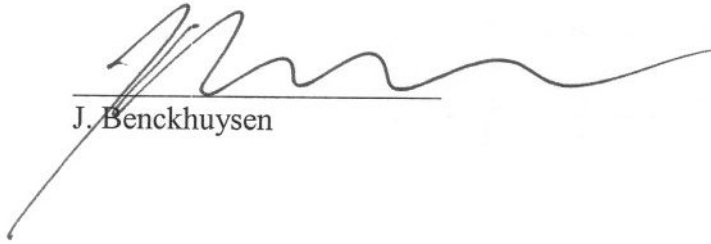
1. Rio Tinto Alcan would like to conduct an underwater inspection of the Skins Lake Spillway plunge pool. The inspection will provide the required information to plan for further repairs to both the apron and plunge pool. In order to conduct this underwater inspection SLS discharge will need to be lowered to 14.2 m³/s for a period of 3-4 hours. This decrease in discharge will not result in any change to discharge at Cheslatta Falls and will be accounted for in the annual flow allocation.
2. The Technical Committee has considered this request in the context of the NFCP mandate and does not have an objection to this request.




B. Nutton



D. Levy



J. Benckhuysen



T. Zimmerman

NECHAKO FISHERIES CONSERVATION PROGRAM

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STEERING COMMITTEE MEETING (2009/10-1)

DATE: November 19, 2009

Members:

Steering Committee

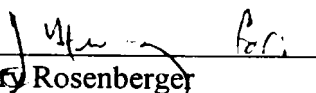
Don Timlick (Rio Tinto Alcan)
Al Martin (Provincial Crown)
Barry Rosenberger (Federal Crown)

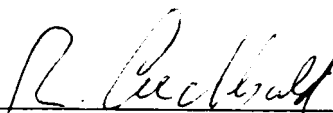
Technical Committee

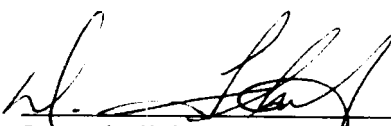
Justus Benckhuysen (Rio Tinto Alcan)
Ted Zimmerman (Provincial Crown)
Byron Nutton (Federal Crown)
David Levy (Independent Member)

Decision Record

The Steering Committee approves the 2010-2011 program in accordance with Decision Record DR 2007/2008-SC2 (endorsement of the NFCP – 5 Year Plan: 2007-2012) and as set out in the attached table.


Barry Rosenberger
Fisheries and Oceans Canada


Al Martin
BC Ministry of Environment


Don Timlick
Rio Tinto Alcan

NFCP: Proposed 2010/2011 Program.

REMEDIAL MEASURES		DAYS	EXPENSES	
RM10-2	Summer Temperature Management	109.5	\$15,910	RTA
RM10-3	Instream Habitat Complexing/Structure Removal	12.0	\$4,821	RTA
RM10-8	Flow Control	22.5	\$3,410	RTA
RM10-8A	Flow Discrepancy Project	9	\$10,000	TC
SUBTOTAL		153	\$34,141	
MONITORING				
M10-1	Enumeration and Residency Time	16	\$25,400	DFO/RTA
M10-2	Carcass Recovery	32	\$7,000	DFO/RTA
M10-4	Fry Emergence	222	\$23,945	DFO/RTA
M10-5	Juvenile Outmigration	541.5	\$67,552	DFO/RTA
M10-6	Physical Data Collection	57	\$5,400	DFO/RTA
M10-10	Outstanding NFCP Report Publication	46	\$9,200	DFO/RTA
SUB TOTAL		914.5	\$138,497	
APPLIED RESEARCH				
No applied research projects recommended for 2010/2011				
SUB TOTAL		0	0	
TOTAL		1067.5	\$172,638	
COMMITTEE OPERATIONS*		**	\$96,392	

*Includes Independent Member, Annual Meeting and Report, Technical Report Production, and Committee Meetings

**As required by each party
Production, and Committee Meetings