

NECHAKO FISHERIES CONSERVATION PROGRAM

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

STEERING COMMITTEE MEETING (2018/19-1)

DATE: March 31, 2018

Members:

Steering Committee

Andrew Czornohalan (Rio Tinto Alcan)
Ray Pillipow (Provincial Crown)
Brad Fanos (Federal Crown)

Technical Committee

Justus Benckhuysen (Rio Tinto Alcan)
Ian Spendlow (Provincial Crown)
Brian Naito (Fed Crown)
David Levy (Independent Member)

Decision Record

The Steering Committee approves the 2018-2019 program as set out in the attached table.

Brad Fanos

Brad Fanos, Fisheries and Oceans Canada

Ray Pillipow
Ray Pillipow
BC Ministry of Environment

AC
Andrew Czornohalan
Rio Tinto Alcan

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Table 1. NFCP: Proposed 2018/2019 Program.

REMEDIAL MEASURES	DAYS	DISBURSEMENTS*	RESPONSIBLE
Summer Temp Management	\$54,750	\$15,910	RTA
Flow Control	\$11,250	\$3,410	RTA
Flow Discrepancy Project	\$4,500	\$10,000	RTA
TOTAL	\$70,500	\$29,320	\$99,820
COMMITTEE OPERATIONS**	***	\$50,000	

*Includes contracts

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

***As required by each party. In recent years there have been no committee expenses

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TECHNICAL COMMITTEE DECISION RECORD 2018/19-2

DATE: June 12, 2018

Technical Committee

Justus Benckhuysen (Rio Tinto)
Ian Spendlow (Provincial Crown)
Brian Naito (Federal Crown)
David Levy (Independent Member)

Inspection and repair of the Skins Lake Spillway plunge pool and apron

Starting at the end of August 2018, after the conclusion of the Summer Temperature Management Program (STMP), Rio Tinto is planning an inspection and repair, as required, of the Skins Lake Spillway plunge pool and apron.

Proposed activities include the installation of diversion pipes immediately after the STMP concludes, draining the plunge pool and salvaging fish as required. It is presently unknown how long the inspection and repair may take. The best case scenario is that the inspection will require one week and repair an additional week. However, it is possible that the inspection may reveal repair or remediation that could take up to 8 weeks to complete.

In order to facilitate the inspection and repair of the Spillway plunge pool in 2018, Rio Tinto is proposing to manage flow in 2018 as follows:

- 1) At the end of the STMP reduction of SLS discharge to 28 m³/s via a single gate opening - Gate 2.
- 2) Install bypass pipes (2-3 days).
- 3) Open bypass to maximum (28 m³/s).
- 4) Close Gate 2 to zero (discharge overlap of up to 30 minutes).

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- 5) Maintain maximum discharge of $28 \text{ m}^3/\text{s}$ through diversion pipes for duration of the inspection and repair project.
- 6) At the end of the project, open gate 2 to $32 \text{ m}^3/\text{s}$, then close and remove diversion pipe.
- 7) Calculate the Annual Water Allocation based on flow contributions as above.
- 8) Maintain average winter discharge in consideration of the above, as directed by the NFCP.

When the bypass pipes are installed the maximum discharge will be $28 \text{ m}^3/\text{s}$, $\pm 1 \text{ m}^3/\text{s}$. There may be a slight reduction in total diversion due to loss in head pressure as the reservoir elevation declines, but this is expected to be within $1 \text{ m}^3/\text{s}$. Flow meters will be installed in the diversion gates and observed flows will be used to calculate the Annual Water Allocation. The expected change in stage in the Upper Nechako River, based on discharge-stage graphs on the Water Survey of Canada website is $\pm 0.02 - 0.04 \text{ m}$.

Decision Record

The Technical Committee has considered this request in the context of the NFCP mandate and does not have an objection to this request.



Brian Naito, Fisheries and Oceans Canada



Justus Benckhuysen, Rio Tinto



Ian Spendlow, BC FLNROD



David Levy, Independent Member