

February 8, 2010

File: A2005689

Emergency Management BC (EMBC)
P.O. Box 9223 Stn Prov Govt.
Victoria, BC V8W 9J1

Attention: Ann Griffin

Re: Order for Changes In and About a Stream on Approval 2005689 on Fraser River

Enclosed is a copy of an Order amending Clause (h) of Approval 2005689 on Fraser River.

This new documentation should be attached to your copy of the approval.

All the other conditions of the original approval still apply.

If you have any questions or concerns please contact the Water Information Technician, Water Stewardship Division, at 604-582-5200.

Yours truly,



Julia Berardinucci
Regional Water Manager

cc: Bruce Wright, Nova Pacific Environmental
Vic Galay, Northwest Hydraulic Consultants
Hope Vandale, Bruce Vandale, Vandale and Sons Contracting

AU/sj

ORDER
WATER ACT
Section 18 (4)

File No. A2005689

The Province of British Columbia *Water Act* having received an application to amend Approval 2005689, which authorizes changes in and about the Fraser River, and being satisfied that no person's rights will be injuriously affected, I hereby amend Clause (h) to read as follows:

- (h) Work within the wetted perimeter of the stream shall be undertaken during the period of February 8 to March 15 unless extended by Fisheries and Oceans Canada, so that the fisheries interests are protected.

Dated at Surrey, BC this 8th day of February 2010.



Julia Berardinucci
Regional Water Manager

February 8, 2010

File: A2005689

Emergency Management BC (EMBC)
PO Box 9223 Stn Prov Govt
Victoria BC V8W 9J1

Attention: Ann Griffin

**Re: Application for approval to make changes in and about Fraser River, Approval
2005689**

An approval for the proposed changes in and about Fraser River has been granted, subject to the conditions noted on the attached Approval document 2005689.

Please be advised that applications for an approval can take up to 140 days to process. If possible, please provide future applications at least 45 days in advance of your proposed start date.

If you have any questions or concerns please contact the Water Information Technician, Water Stewardship Division, at 604-582-5200.

Yours truly,



Julia Berardinucci
Regional Water Manager

Enclosure

cc: Bruce Wright, Nova Pacific Environmental
Vic Galay, Northwest Hydraulic Consultants
Hope Vandale, Bruce Vandale, Vandale and Sons Contracting

RE/sj

APPROVAL

WATER ACT - Subsection 9(1), Clauses (a), (b) and (c)
(Changes in and about a stream)


Emergency Management BC (EMBC)

is hereby authorized to make changes in and about a stream as follows:

- (a) The name of the stream is Fraser River, herein referred to as "the stream".
- (b) The changes to be made in and about the stream are:

To install and remove a temporary access ramp and haul road and to remove a maximum of 56,000 m³ plus 10% of gravel and other sediment from the bed of the Fraser River in the area known as Hamilton Bar all within that part of the surface of District Lot 2085, surveyed as the claim known as Fair Play mineral claim, and that part of District Lot 5753, together with unsurveyed foreshore or land covered by water being part of the bed of the Fraser River, all of Group 1, New Westminster District (Lands file 2410027).
- (c) This Approval does not authorize entry on privately held land or Crown land.
- (d) This Approval does not constitute authority of any other agency.
- (e) The holder of this Approval shall take reasonable care to avoid damaging any land, works, trees, or other property and shall make full compensation to the owners for any damage or loss resulting from the exercise of rights granted hereunder.
- (f) The work authorized shall be completed on or before April 15, 2010, and the holder of this Approval shall advise the Water Information Technician (604-582-5200) when the changes have been completed.
- (g) The holder of this Approval shall advise the Regional Water Manager at 604-582-5353, 5 working days prior to commencement of construction of the works.
- (h) Work within the wetted perimeter of the stream shall be undertaken during the period of March 1 to 15 unless extended by Fisheries and Oceans Canada, so that the fisheries interests are protected.
- (i) Upon commencement of the project, the work shall be pursued to completion as quickly as possible.
- (j) Any machinery operated in the stream shall be free of excess oil and grease.
- (k) All proposed work shall be completed in isolation of the stream flows.

- (l) Care shall be exercised during all phases of the work to minimize siltation of the stream and to eliminate the release of raw concrete, concrete leachate, and any other debris or deleterious substances.
- (m) Vegetation along the banks of the stream shall be disturbed as little as possible and any vegetation that is removed for temporary access purposes shall be replaced.
- (n) All works shall comply with the "Fraser River Gravel Removal Proposed Hamilton Bar Excavation, 2010" report prepared by Nova Pacific Environmental and Northwest Hydraulic Consultants dated December 10, 2009.
- (o) Prior to the commencement of the works authorized under this Approval, the holder of this Approval shall have all the necessary permits from all the other agencies concerned.
- (p) Prior to the commencement of the works authorized under this Approval, the holder of this Approval shall obtain authorization from Fisheries and Oceans Canada.
- (q) A post-work completion environmental monitor's report shall be completed and submitted to the Water Stewardship Division of the Ministry of Environment within one month of completion of the work. This report will include the Approval file number, site location, frequency of monitoring, a brief description and date of completion for each work stage, the total volume of gravel removed, and description of any incidents related to environmental issues or emergencies that occurred on the site and mitigation measures undertaken.
- (r) The holder of this Approval shall implement a monitoring program, which assesses impacts from gravel extraction on fish and fish habitat, to the satisfaction of the Ministry of Environment and Fisheries and Oceans Canada. That monitoring program shall include pre-extraction and post-extraction sampling of sediment size, invertebrates and fish. Following completion of the monitoring program, a copy of a report describing the results, labelled with the Approval file number, will be submitted to the Water Stewardship Division of the Ministry of Environment.
- (s) The holder of this Approval shall complete post-extraction sturgeon sampling and habitat assessment based on the Ministry of Environment's guidelines for sturgeon sampling and assessment methods. The guidance that is currently available is titled "Lower Fraser White Sturgeon Spawning and early Juvenile Habitat Assessment, Mitigation and Monitoring Methodology" and is a working version dated, September 22, 2009. A report describing the results, labelled with the Approval file number shall be submitted to the Water Stewardship Division of the Ministry of Environment.



Julia Berardinucci
Regional Water Manager