

Puntledge River Project Water Use Plan

Monitoring Program Terms of Reference

- **Addendum 1 to PUNMON-4 Evaluating Effects of Ramping Rates on Fish Stranding in Puntledge River (Reach C)**

October 7, 2007

Addendum 1 to: Evaluating Effects of Ramping Rates on Fish Stranding in Puntledge River (Reach C), dated October 21, 2005.

Background

Data for this program was scheduled to be collected over one year. This program was initiated in July 2006, and was to have been carried out for one year. However, as per BC Hydro's letter of 26 June 2007 to the CWR, the October data collection for this study was initiated, but not completed in 2006 due to flow conditions. Therefore, some components of the work, as outlined below, will need to be repeated for the 2007 sampling. This extra work results in a change to the budget (Table A2).

Task A-2: Reconnaissance

High flows during the winter 2006 removed most of the site markers that were installed in 2006. Further, the configuration of a key stranding site just upstream of the Powerhouse has changed. A debris jam, which controlled flow over a gravel bar prone to dewatering, has washed out changing the hydraulics considerably throughout that area. Hence, the reconnaissance portion of the field work will need to be repeated for the fall 2007 survey.

Table A2: Estimated costs for Evaluating Effects of Ramping Rates on Fish Stranding in Puntledge River (Reach C).

Total	\$8,369
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