

Stave Rive Project Water Use Plan

Monitoring Program Terms of Reference

- **SFLMON#3 – Fish Biomass Assessment**

Addendum 2

August 2013

A1 Addendum to SFLMON#3 – Fish Biomass Assessment

A1.1 Addendum Rationale

BC Hydro met with the contractors and members of the Monitoring Advisory Committee (MAC) to review the Stave monitors in Burnaby on November 28, 2012. At this meeting, program results were discussed which indicated that between 2008-2010 fish biomass had been increasing in the reservoir, then between 2010-2011 the biomass had dropped to an all-time low since monitoring started. Also, the captured fish were very small and numbers were reduced relative to the previous monitoring years. In order to further confirm these results and document the trend in fish biomass before the WUP Review scheduled in 2015, an additional year of gill net sampling has been proposed for 2014.

A1.2 Study Design

This addendum includes the addition of one more year of gill net sampling to the monitoring program, but does not include any changes to the sampling approach provided in the original Terms of Reference and Addendum #1.

A1.3 Budget

Total additional cost is estimated to be \$53,046 (including 5% contingency) for an additional year. The gill netting program has been ongoing every other year (odd years). The budget includes the cost of the nets and annual repair, boat rental, data analysis and additional crew days. Results of these surveys will be incorporated into the annual reports and final report as described in the Terms of Reference.