

Addendum #1 January 12, 2009: Arrow Lakes Reservoir Inventory of Vegetation Resources (CLBMON-33)

A1.1 Addendum Rationale

As per in the Amended Columbia WUP Order for the Revelstoke Unit 5 Project (dated 23 August 2007), BC Hydro has reviewed each of the existing WUP vegetation studies and physical works to determine whether changes to study scope, duration, schedule or budget are necessary to allow for evaluation of potential downstream impacts of five-unit operations at Revelstoke Dam. No specific changes to the Arrow Lakes Reservoir revegetation program are anticipated at the present time, given the adaptive nature of the work. However, greater effort will need to be expended in the field and the data analysis tasks to consider potential changes in vegetation communities that could be attributed to Rev 5 operations. As a result, BC Hydro has revised the annual budgets for the monitoring program to reflect this increased effort. No other changes have been made to the Terms of Reference.

BC Hydro is also requesting approval on incremental increases in study implementation costs for CLBMON-33 to reflect the higher costs associated with obtaining aerial photography for the Arrow Lakes Reservoir. The original budget for this task under-estimated the actual cost of acquiring the data. The total annual spend on this program was on track with the approved annual budget in the first year (2007) of implementation due to lower than anticipated costs of completing another key task (completion of the Digital Elevation Model). However, the cost of obtaining the aerial photography in 2008 caused BC Hydro to exceed the approved budget by about \$30,500. BC Hydro has covered this cost over-run as we were unable to secure approval on the increased costs prior to completion of the year's work. The revised budget therefore reflects the annual approved budgets for 2007 and 2008, and amended costs for future years of the programs.

A1.2 Budget

The project budget has been revised to reflect the change in study duration. Overall, the implementation of the monitoring program is expected to cost \$1,389,321 (including 2% rate of inflation and 5% contingency) over the 6 years of study, as compared to the total approved budget of \$1,212,168.