

## **Ash River Project Water Use Plan**

### **Monitoring Program Terms of Reference**

- **ASHMON#1 – Assessment of Adult Fish Passage at Dickson Falls during Pulse Flow Releases from Elsie Lake Dam**

**Addendum 1**

**May 10, 2007**

**Addendum #1 May 10 2007 to: Assessment of Adult Fish Passage at Dickson Falls During Pulse Flow Releases from Elsie Dam, dated Jan 18 2005**

Background

Two years of data collection and analysis (Ecofish Research Ltd. 2007) for this monitoring program recommended additional data collection to complement the existing program and better address the Hypotheses and Management Questions (Sections 1.2 and 1.3 of the Terms of Reference, dated Jan 18 2005). The Ash River Water Use Plan Monitoring Advisory Committee supports this additional data collection, which is outlined below.

Task A-1: Project coordination

Additional effort to coordinate data collection is required due to the short and uncertain timing windows during which steelhead can be tagged, and the safety requirements for work downstream of Elsie Dam.

Task A-2 Snorkel swims to assist with fish tagging

To help locate steelhead for subsequent capture and tagging (Task 2 of the Terms of Reference), up to two snorkel swims in key areas for tagging will occur during each year in which tagging occurs. These swims are in addition to the swims outlined in Task 1 of the Terms of Reference.

Task A-3 Leap observations

Further to the 6 one hour leap observations per pulse outlined in Task 3 of the Terms of Reference, an additional 6 one hour leap observations per pulse will occur, for a total of 12 one hour leap observations per pulse.

References

**Ecofish Research Ltd. 2007. Ash River Water Use Plan, Assessment of adult fish passage at Dickson Falls during pulse flow releases from Elsie Dam, study period January to November 2006, Year 2. February 28 2007. Available online at: <http://www.bchydro.com/environment/wateruse/wateruse30847.html>**

**Table A1: Estimated costs for the Assessment of Adult Fish Passage at Dickson Falls During Pulse Flow Releases from Elsie Dam.**

Total Cost	\$289,340
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