

Stave Falls Project Water Use Plan

Monitoring Program Terms of Reference

- **Addendum 1 to SFLMON#3 Fish Biomass Assessment dated January 2007**

July 30, 2007

Addendum # 1 July 30, 2007 to: SFLMON#3 Fish Biomass Assessment, dated January 2007

Background

Based on review of the 2006 fish biomass assessment by the responsible consultant, Limnotek, a potential bias was uncovered in the assessment results by over-representing the contribution of char to the lake's overall biomass. The bias is caused by attempts to work a gill netting program within a limited budget with resulting findings that do not fully account for the depth distribution of char and other species in mid water areas compared to shoreline species. The bias is serious enough the it will hamper the ability to address hypotheses 1 and 2 regarding fish biomass and species distribution impacts in response to Water Use Plan implementation.

Based on consultation with Limnotek and regulatory agencies the most cost effective way to resolve this bias is to incorporate offshore, midwater gill net sets into the program. This additional gill netting program will require 2 additional sampling days and the purchase of nets.

Additional Task

Each year that the gill netting program is to be carried out, include an additional 2 days of fish sampling using curtain nets. Total additional cost is estimated to be \$13,000 each year the gill netting program is implemented and is to include 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.

Revised costs for the Fish Biomass Assessment Monitor

Program Total	368,450
Inflation Adjustment 2%	411,299