



Area "A" Quality Water Association  
"AAQWA"

C/O R.R.1, Site 11, Compartment 15  
Garden Bay, B.C. V0N 1S0  
Phone: (604)883-9958

October 19, 2003

Kristie Trainor, M.Sc., P. Geo.  
Land & Water Licensed Officer  
Waterpower Project Investigator  
Land & Water B.C. Inc.  
Surrey, B.C.

Dear Ms. Trainor:

**Re: Comments & Suggestions regarding Supplementary Objection #2**

Thank-you for your advice and explanations regarding Supplementary Objection Number 2.

To prepare a response to your most recent communications, we need the following information:

- copies of your questions to HGH & Jacques Whitford;
- copies of their replies;
- copies of LWBC questions and answers regarding the biology of Hotel Lake;
- the following data from Jacques Whitford:
  1. The complete Bathymetric Survey including all data;
  2. An explanation from Jacques Whitford of the rational for the evaporation rates used in the September 11<sup>th</sup>, data tables;
  3. An explanation of the run off coefficients used considering that Hotel Lake has no defined water courses in it's drainage area;
  4. Detailed predicted monthly natural outflow volumes, lake levels both pre and post development using the climate model and run off figures in the report of September 11, 2003;

- confirmation that we will have this information before the review process is complete;

We have forward to you under separate cover a copy of a letter which was sent by Joe Harrison to Grant McBain today's date, confirming the information received from Mr. McBain in a telephone conversation last week.

It is urgent that we clarify natural outflow volumes from Hotel Lake. Preliminary calculations using the Jacques Whitford run off figures, September 11, 03, applied to actual pumping volumes and observations of actual lake levels during 2002/ 2003 indicate irreconcilable differences between the Jacques Whitford figures, the HGH data and the actual field records from DFO.

For example, the Jacques Whitford model predicts that Hotel Lake would have reached a peak of 300 mm. above datum on about Nov. 20/02. The creek at Acadian Road would have continued to flow until August 2003.

In reality, our records of observations by Terry Mulligan, the property owner adjacent to the outflow creek on Acadian Road as well as Grant McBain of the DFO indicate that the lake did not fill until January 3, 2003 and reached a peak of 127 mm above datum on February 16, 2003 (not the 300 mm. above datum that it reached in 2002). February 16<sup>th</sup> is nearly three months later than the date predicted by using the Jacques Whitford run off data.

In order to resolve these discrepancies, we need full disclosure of the data.

Yours truly,

*Cheryl Steernberg*

**Cheryl Steernberg, Secretary  
AAQWA, Area "A" Quality Water Association**

cc. **Bob Herath  
Joanne McClusky**