

Cost estimate for work requested in the 7th Minute of Commissioners, in the matter of 61 consent applications to take, use, divert and dam water and 51 associated discharge and land use consent applications in the Upper Waitaki Catchment.

Work requested: preparation and presentation of a report by Dr. R. Spigel, NIWA, responding to commissioners' questions relating to NIWA's modeling of the effects of nutrient loading on water quality in Lake Benmore.

Cost estimate, approximate breakdown:

Reviewing relevant reports, literature and documentation; discussions with colleagues involved in the modeling 1 day

Draft preparation 2 days

Response to peer review of report and related discussions..... ½ day

Revisions and preparation of final draft..... 1½ days

Presentation of report and responding to questions ½ day

Total cost for 5.5 days: \$8300 (excluding GST)

Time estimate prepared in consultation with N. Norton and C. Pearson. Total cost for 5.5 days calculated by accounting department, NIWA, using NIWA's pricing model.

5 November 2009