

Interactive comment on “A conceptual model of flow to the Waikoropupu Springs, NW Nelson, New Zealand, based on hydrometric and tracer (^{18}O , Cl , ^3H and CFC) evidence” by M. K. Stewart and J. T. Thomas

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We would like to thank anonymous referee #1 for his/her comments on our paper. We consider the comments very helpful. Our response to the comments is given below. (1)-(11) Agreed. (12) We agree with changing the mathematical description as recommended, namely using the term transit time distribution function instead of response function, using the parameter dispersion parameter (in shortened form DP) instead of D/vx , and not using the term mixing model for lumped parameter models. (13) We will look at shortening some of the description including the results of the modelling, and

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include all findings for the various models in one table. (14) Agreed

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 4, 1215, 2007.

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