

Interactive comment on “Importance of demand modelling in network water quality models: a review” by E. J. M. Blokker et al.

Anonymous Referee #1

Received and published: 22 April 2008

This is an interesting paper providing a broad overview of some of the water quality models developed previously to predict dissolved and suspended pollutants in water distribution networks with a focus on demonstrating the influence of hydraulic parameters, dispersion and advection processes. Additionally, the paper provides an overview of some models developed for capturing domestic water consumption patterns using statistical techniques and highlight the importance of appropriate time step.

The paper flow is logical and sections are laid out sensibly and the illustrations are relevant and briefly described. The paper makes some generic conclusions. It would have been better if the authors had devoted some effort to provide some explanation of the methodology/approach they would develop to merge these models or they would develop a new approach from scratch.

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The paper subject area lies beyond the referee's research domain and therefore it was not possible to have any additional specific technical comments.

Interactive comment on Drink. Water Eng. Sci. Discuss., 1, 1, 2008.