

## ***Interactive comment on* “Comparison between constant and variable chlorine decay models applied to urban water supply network” by Ababu T. Tiruneh et al.**

### **Anonymous Referee #2**

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Two models were compared in a full scale network to estimate chlorine decay. General comments: - It is not clear what the novelty of this study is. - The manuscript reads as a report of an engineering project - The introduction is too long and contains too much text book knowledge - The results should be discussed with literature and new insights should be highlighted - The study should be extended e.g. as the authors suggested: “It is, therefore, necessary as a further research to examine the combined effect of the reactant characteristics and the initial chlorine dosage on the rate of reaction. This can be carried out by considering the raw water characteristics over the different seasons or considering dilution experiments in which the raw water is diluted with reactant free water and the chlorine decay experiments are carried out for this low reactant water”. -

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This should be hand in hand with a clear scientific question to be answered.

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