

Interactive comment on “Identifying (subsurface) anthropogenic heat sources that influence temperature in the drinking water distribution system” by Claudia M. Agudelo-Vera and Mirjam Blokker

Anonymous Referee #4

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The manuscript presents an interesting method to identify and to localise potential hot-spots at a small spatial scale. While the described method looks promising, the authors did not always thoroughly compare their work to other studies and the discussion is somewhat general (can certainly go deeper, please consider expanding the discussion).

Specific comments: Page 1, line 7 – 9: The sentence seems to be more suitable for the “Introduction” section (including references on the influence of water temperature on physical, chemical and microbial quality parameters).

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Page 2, line Not clear why 10 m x 10 m is chosen.

Page 4, line 10: Table 1: How sensitive are these input parameters?

Page 4, line 24: Please check the format.

Page 5, line 5 Please include the Figure in which “the tap temperatures were plotted together with the spatial information from anthropogenic heat sources”.

Page 7, line 21 – Not clear which statistical measures were applied to evaluate the agreement between measured and modelled data. How big is the measurement error? Please include more discussion.

Interactive comment on Drink. Water Eng. Sci. Discuss., doi:10.5194/dwes-2017-17, 2017.

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