

***Interactive comment on “Application of optical tomography in the study of discolouration in drinking water distribution systems” by P. van Thienen et al.***

**Anonymous Referee #1**

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- 1.Does the paper address relevant scientific questions within the scope of DWES? Yes an area needs more research.
- 2.Does the paper present novel concepts, ideas, tools, or data? Yes a new way of monitoring and interpreting results.
- 3.Are substantial conclusions reached? Conclusions are not there yet
- 4.Are the scientific methods and assumptions valid and clearly outlined? Yes
- 5.Are the results sufficient to support the interpretations and conclusions? Need further rewording to make it clear

6. Is the description of experiments and calculations sufficiently complete and precise to allow their reproduction by fellow scientists (traceability of results)? Hard to say
7. Do the authors give proper credit to related work and clearly indicate their own new/original contribution? Yes
8. Does the title clearly reflect the contents of the paper? Easy to read and follow the paper
9. Does the abstract provide a concise and complete summary? May be expanded a little to include the conclusions drawn.
10. Is the overall presentation well structured and clear? Yes
11. Is the language fluent and precise? OK
12. Are mathematical formulae, symbols, abbreviations, and units correctly defined and used? Yes
13. Should any parts of the paper (text, formulae, figures, tables) be clarified, reduced, combined, or eliminated? Adequate in the current form
14. Are the number and quality of references appropriate? Yes
15. Is the amount and quality of supplementary material appropriate? Sufficient for this write-up

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Interactive comment on Drink. Water Eng. Sci. Discuss., 4, 39, 2011.

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