

Interactive comment on “Natural organic matter removal by ion exchange at different positions in the drinking water treatment lane” by A. Grefte et al.

Anonymous Referee #2

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Useful data in this manuscript include: evaluation of location of IX, comparison of MIEX and FIX, and cost evaluation.

Results show greater DOC removal by MIEX than FIX. This is the first comparison of these two processes. What evidence do the authors have to suggest the slightly shorter contact time for FIX is responsible for less DOC removal?

Biological Stability section is a bit hard to follow. Did IX decrease the biological growth potential of the treated water?

Section 3.3 is new data that is not available elsewhere. This is useful information.

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A major cost not included in Section 3.4 is resin loss. The authors encountered the problem of resin loss in Section 3.2. The authors should discuss the effect of resin loss on cost.

The Environmental Impact section is qualitative and has no supporting data to give quantitative meaning. The authors should attempt to give the Environment Impact section quantitative impacts.

Interactive comment on Drink. Water Eng. Sci. Discuss., 5, 375, 2012.

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