

Accepted Manuscript

Title: Scan of water treatment processes to achieve desirable chlorine stability in water supply systems

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PII: S0957-5820(17)30185-4

DOI: <http://dx.doi.org/doi:10.1016/j.psep.2017.06.005>

Reference: PSEP 1085

To appear in: *Process Safety and Environment Protection*

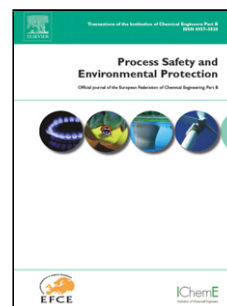
Received date: 30-12-2016

Revised date: 26-5-2017

Accepted date: 7-6-2017

Please cite this article as: Kastl, G., Fisher, I., Sathasivan, A., Scan of water treatment processes to achieve desirable chlorine stability in water supply systems. *Process Safety and Environment Protection* <http://dx.doi.org/10.1016/j.psep.2017.06.005>

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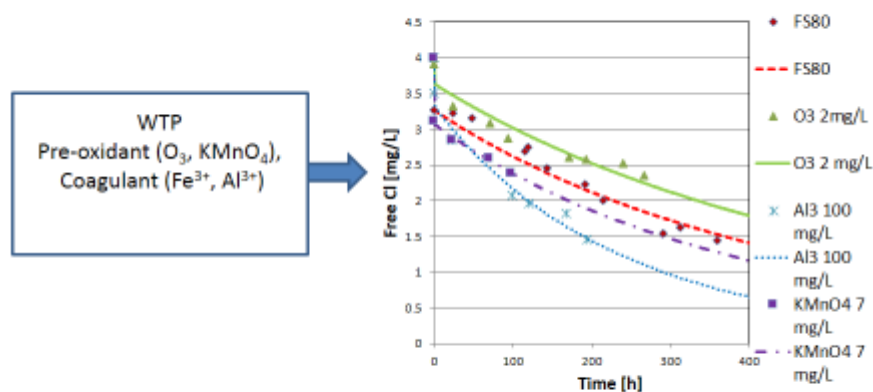
Scan of water treatment processes to achieve desirable chlorine stability in water supply systems

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Graphical abstract

WTP removes and pre-oxidases DOC to achieve chlorine stability in treated water



Highlights

- NOM removal with a pre-ozonation and coagulation with ferric salts
- Chlorine decay test provides a better indication of water quality than DOC
- Chlorine decay model parameters can be used for comparison of treatments
- The chlorine decay model can predict chlorine and THMs (trihalomethane) profile

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