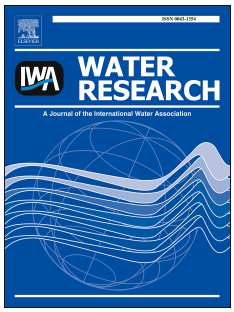
Accepted Manuscript



Pore diffusion limits removal of monochloramine in treatment of swimming pool water using granular activated carbon

Bertram Skibinski, Christoph Götze, Eckhard Worch, Wolfgang Uhl

PII: S0043-1354(17)31055-2

DOI: 10.1016/j.watres.2017.12.060

Reference: WR 13458

To appear in: *Water Research*

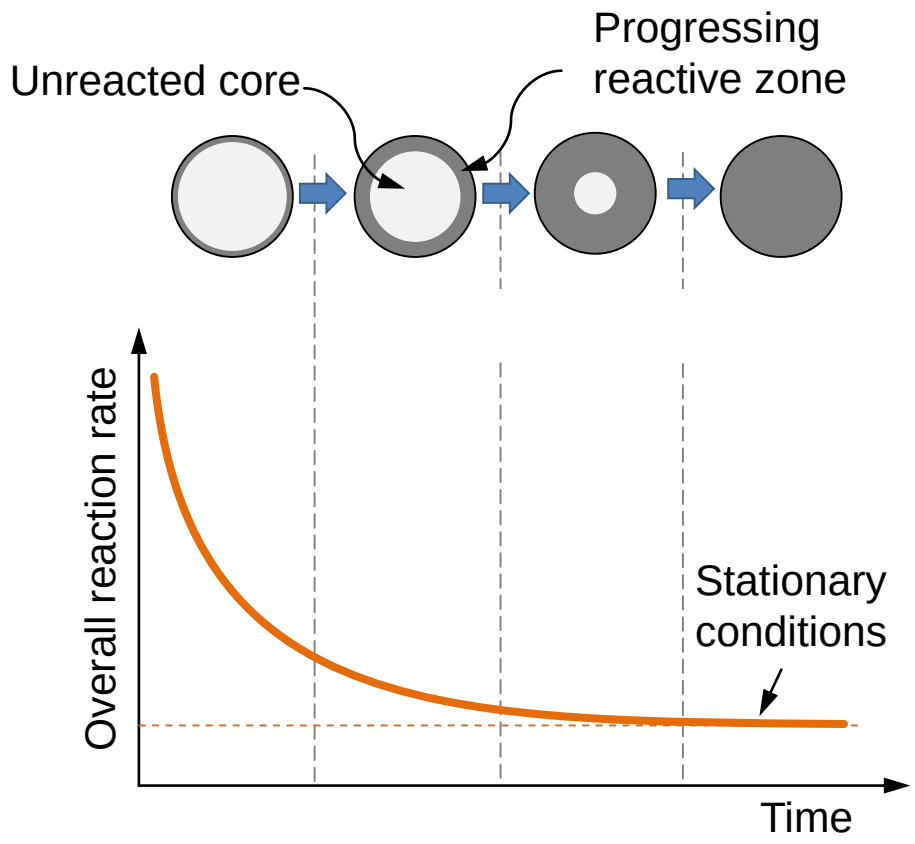
Received Date: 29 October 2017

Revised Date: 21 December 2017

Accepted Date: 22 December 2017

Please cite this article as: Skibinski, B., Götze, C., Worch, E., Uhl, W., Pore diffusion limits removal of monochloramine in treatment of swimming pool water using granular activated carbon, *Water Research* (2018), doi: 10.1016/j.watres.2017.12.060.

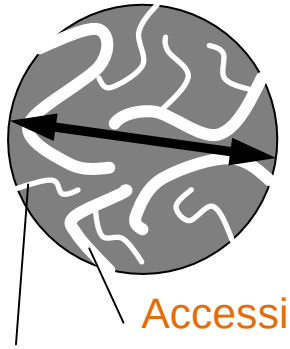
MECHANISM



OPERATION CONDITIONS

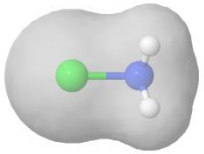
- Inflow concentration
- Water temperature
- Flow velocity

GAC PROPERTIES



- Grain size
- Pore size distribution

NH_2Cl



0.5 x 0.4 nm