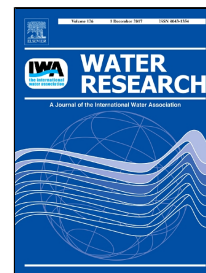


Accepted Manuscript

Natural attenuation of chlorinated ethenes in hyporheic zones: a review of key biogeochemical processes and in-situ transformation potential



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PII: S0043-1354(17)30902-8
DOI: 10.1016/j.watres.2017.10.059
Reference: WR 13316
To appear in: *Water Research*
Received Date: 18 June 2017
Revised Date: 12 October 2017
Accepted Date: 28 October 2017

Please cite this article as: John J. Weatherill, Siavash Atashgahi, Uwe Schneidewind, Stefan Krause, Sami Ullah, Nigel Cassidy, Michael O. Rivett, Natural attenuation of chlorinated ethenes in hyporheic zones: a review of key biogeochemical processes and in-situ transformation potential, *Water Research* (2017), doi: 10.1016/j.watres.2017.10.059

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Highlights:

- Conceptual review of hyporheic zones of rivers as natural anoxic-oxic bioreactors
- Interactions between organohalide respiration and biogeochemical cycling
- Aerobic vinyl chloride mineralisation during hyporheic mixing is conceptualised
- Field experience, challenges and characterisation technologies critically reviewed

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