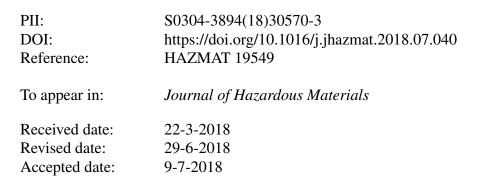
### Accepted Manuscript

Title: Passive samplers in sewers and rivers with highly fluctuating micropollutant concentrations – better than we thought

Authors: Lena Mutzner, Etiënne L.M. Vermeirssen, Christoph Ort



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## ACCEPTED MANUSCRIPT

#### Passive samplers in sewers and rivers with highly fluctuating micropollutant

#### concentrations – better than we thought

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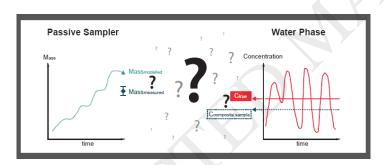
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#### **Graphical abstract**



#### Highlights

- Measured and modelled concentration profiles systematically evaluated
- Variable concentrations do not explain observed deviations from true concentrations
- Longer passive sampling periods or early/late peak lead to higher uncertainty
- Event-based passive sampling in sewers comparable to sampling <10min

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