



EGUsphere, author comment AC3  
<https://doi.org/10.5194/egusphere-2022-373-AC3>, 2022  
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## **Reply on AC2**

Tamara Michaelis et al.

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Author comment on "High-resolution vertical biogeochemical profiles in the hyporheic zone reveal insights into microbial methane cycling" by Tamara Michaelis et al., EGU sphere, <https://doi.org/10.5194/egusphere-2022-373-AC3>, 2022

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Unfortunately, we found a unit conversion error in a spreadsheet calculation done during the revisions. CH<sub>4</sub> saturation concentrations were calculated using PhreecC for each site and site-specific temperature and water depth. In an internal revision process we found a mistake in these calculations. CH<sub>4</sub> saturation concentrations were re-calculated and corrected values are displayed in the attached file. We also did some changes to the respective paragraph in the manuscript which are cited as well in the attached file.

Please also note the supplement to this comment:

<https://egusphere.copernicus.org/preprints/2022/egusphere-2022-373/egusphere-2022-373-AC3-supplement.pdf>