



EGUsphere, author comment AC1
<https://doi.org/10.5194/egusphere-2022-373-AC1>, 2022
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Reply on RC1

Tamara Michaelis et al.

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-AC1>, 2022

First of all, we would like to express our deep gratitude for the reviews of both reviewers.

Rev. 1 mentioned that this is a very nice manuscript. He was impressed with all the data provided by the authors and the thoroughly discussed results using a variety of techniques. He also said that the results have not been over-interpreted, as is often the case in the recent literature. In contrast, Rev. 2 was more critical and is discussed in more detail elsewhere.

Nevertheless, we have seriously considered all suggestions, addressed the highly valuable recommendations where appropriate and possible, and have provided detailed responses and explanations in the file attachment. The updated manuscript with changes marked in blue color will be uploaded separately.

Please also note the supplement to this comment:

<https://egusphere.copernicus.org/preprints/2022/egusphere-2022-373/egusphere-2022-373-AC1-supplement.pdf>