

## Technical corrections to the manuscript “Pristine levels of suspended sediment in large German river channels during the Anthropocene?”

Dear Tom and Valier,

Thanks very much for your positive feedback on our manuscript. We addressed all minor comments in the annotated PDFs from the AE and addressed the to questions raised by the AE:

L94-95: Please expand on the potential effect of loosing a portion of the clay-size fraction in the context of the observed trends. Is this expected to reduce or increase the magnitude of the trends given the suspected underlying mechanisms?

→ We added a statement that we are convinced that the loss of e proportion of the clay-size fraction did not affect the calculated trends, as the production of the filters did not change during the monitoring period.

→

L361-363: For this explanation to hold, the contribution of organic matter to SSC must be quantitatively significant. Is this supported by measurements of the organic carbon concentration in suspended sediments at this station?

→ We added a statement including the average share of 28% of phytoplankton to the total suspended sediments.

Kind regards

Thomas (Hoffmann)