

May 24, 2015

To:

Dr. Paul F. Kemp
Editor-in-Chief
Limnology and Oceanography: Methods, ASLO

From:

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Enclosed please find our revised manuscript entitled 'Improving estimates of ecosystem metabolism by reducing effects of tidal advection on dissolved oxygen time series'. We sincerely thank the reviewers and associate editor for providing detailed and insightful comments on our initial draft. We have made every effort to address these concerns and are hopeful that the revised manuscript is an improvement over the original. In particular, we have made efforts to more carefully describe appropriate situations for applying the weighted regression approach, additional details describing our methods for estimating open-water metabolism, and more justification for the use of tidal height as a proxy for advection. We have also created a simple [R package](#) to accompany the manuscript in response to the request for making the code available. Our response to the reviewer comments is included as an attachment to this re-submission.

All authors have contributed equally to the content of the revised manuscript and have approved the final product. The manuscript contains only original data and the authors agree to pay publication charges if accepted. We greatly appreciate the opportunity to publish our work in Limnology and Oceanography: Methods.

Respectfully,

Marcus W. Beck