

Interactive comment on “Nitrogen attenuation, dilution and recycling at the groundwater – surface water interface of a subtropical estuary inferred from the stable isotope composition of nitrate and water” by Sébastien Lamontagne et al.

Sébastien Lamontagne et al.

sebastien.lamontagne@csiro.au

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We thank Reviewer #2 for his comments and we think we can address them in the revision.

1) First study looking at 'hyporheic exchange' and tidal circulation in an estuary: We thank the reviewer for this observation and we will highlight the novelty of this work in the revision.

2) Site location: Please see reply to Reviewer #1 for how we propose to address this

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issue.

3) Title: Following the reviewer's suggestion, we propose to modify the title to: "Nitrogen attenuation, dilution and recycling in the intertidal hyporheic zone of a subtropical estuary".

4) We thank the reviewer for additional suggestions directly made to us to improve some of the figures, which we will include in the revision.

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