

Responses to Comments on “A Bayesian approach to understanding the key factors influencing temporal variability in stream water quality: a case study in the Great Barrier Reef catchments” (Editor)

### ***General comment***

Comments to the Author:

Thank you for the revised manuscript and for clearly documenting your responses to the reviewers.

I am pleased to recommend the article for publication.

The manuscript would benefit from some additional minor editing, mostly relating to the way responses to reviewers have been incorporated into the original text. For example, on L34 you currently write, "interactions between three key pollutant processes..." and then list four processes. Please take advantage of the copy-editing stage to carefully re-read and correct the proofs prior to publication.

The authors acknowledge the editor’s effort and time on our manuscript, and the positive comment from the editor is much appreciated. We have revised the section in Line34 as follows:

L34“These spatial and temporal variations are the result of complex interactions between four key pollutant processes in catchments, namely,....”.

We have also removed the materials in Appendix to Supplement, which is more suitable for these materials to be presented.