September 21, 2016

To:

Dr. Parker J. Wigington, Jr., Editor-in-Chief

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JAWRA, Wiley

From:

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Enclosed please find our revised manuscript, entitled “Numerical and qualitative contrasts of two statistical models for water quality change in tidal waters”, to be reconsidered as an original research article.

This resubmission is a major revision to address constructive comments from our reviewers. For the first reviewer, we have added an analysis that compares both models using independent validation datasets. The new results add greater support to our conclusions that both models produce similar prediction errors despite differences in statistical structure. We have also revised our description of the models for clarity and provided additional detail where needed. For the second reviewer, we have shortened many of the figure and table captions as requested.

We hope that this revision sufficiently addresses the concerns of the reviewers. Detailed responses to each of the comments are provided with this resubmission. Please feel free to contact me directly with any questions.

Respectfully,

Dr. Marcus W. Beck