***FLORIDA SCIENTIST***

Reviewer's Report

**Author**: Beck et al

**Title**: Coordinated monitoring of the Piney Point wastewater discharge into Tampa Bay: Data synthesis and reporting

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1. Does this paper contain new knowledge, or new interpretation of existing knowledge?
   1. Interpretation of existing knowledge. This paper presents the data collection and dissemination of data and synthesis in response to the emergency pollution discharge from the Piney Point phosphogypsum stack. This manuscript also highlights the valuable data collection by numerous agencies and organizations to document the short term impacts of the event.
2. Does it duplicate in any substantial way material published elsewhere?
   1. No
3. Are technical terms used and spelled correctly?
   1. Yes
4. Are there major flaws in the study design, execution or analysis?
   1. No, given the scale, scope and response to this event the organizations collected (and continue to collect) this information. This paper is an excellent example of open-science and its application of near-real time synthesis of information to inform and if need be adjust monitoring strategies in response to un-planned potentially catastrophic events.
5. Please list below any suggestions for improvement.
   1. No suggestions.

**6)** **RECOMMENDATION**

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| a) | Publish (as is) | (Y) |
| b) | Publish (with revision optional) | ( ) |
| c) | Publish (with revision required) | ( ) |
| d) | Reject outright | ( ) |
| e) | Reject, but recommend referral to another journal | ( ) |
| f) | Other | ( ) |