

Review of: "Effect of tetracycline on nitrogen removal in Moving Bed Biofilm Reactor (MBBR) System"

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Potential competing interests: The author(s) declared that no potential competing interests exist.

The manuscript entitle "The Effect of Tetracycline on Nitrogen Removal in Moving Bed Biofilm Reactor (MBBR) System" investigated the effects of TC on MBBR systems, including removal performance of nitrogen, the evolution of microbial community structure, denitrification functional genes, TC resistance genes and the balance of nitrogen. The experimental conclusion is reliable. However, before the manuscript published in PLOS ONE, the authors should solve the relevant questions as follows.

1. Why author choose the tetA, tetM, tetW, and tetX as the target gene?
2. From the removal performance of nitrogen section, author should cite reference to explain why it has almost no effect on nitrification, but has a greater impact on denitrification.
3. Line 312: it should be "mmol/L" but not "mmol/", and author should carefully check the manuscript.
4. The conclusions of the article are confusing, please improve the Conclusions.
5. English should be polished and the author should carefully check the manuscript thought out for the correction of grammatical error and typing mistakes.