

# Review of: "Assessment of Quality, Bacterial Population and Diversity of Irrigation Water in Selected Areas of Minna, Niger State, Nigeria"

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Potential competing interests: No potential competing interests to declare.

## **Comments for the authors:**

The manuscript is interesting, but I have some suggestions for the authors to consider, which are as follows:

- Include an expression at the beginning of the abstract emphasising the significance of water quality.
- Make shorter revisions to the summary of the manuscript that include more data that is quantitative.
- Why did the authors use conventional methods including colony morphology, Gram staining, and biochemical tests?  
These approaches have multiple drawbacks, notably accuracy, time consumption, and contamination.
- Why didn't the authors employ the VITEK 2 Compact system for bacterial isolate identification to ensure accuracy and prevent contamination?
- Provide additional outcomes in the conclusion section.
- Evaluate your findings in comparison to other publications.
- Make utilise of further modern publications.
- Address your research's shortcomings at the last part of the discussion section.
- Double-check the references list's formatting to ensure that it matches the references cited in the text.