

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.

Thank you for giving me the opportunity to review your manuscript. I have some suggestions to enhance the clarity and strength of your work:

1. Inclusion of Data: The manuscript would benefit from the addition of a data table on water quality at the tested locations. This table should also include the number of fecal bacteria for a more comprehensive assessment of health risks and should encompass all water quality elements mentioned in the manuscript, such as electrical conductivity and pH.

2. Correlation Table: The current correlation table needs revision. Since water samples were only collected once, the correlations presented may not be statistically significant. I recommend the authors reevaluate the methodology used to establish these correlations in the study.

Please note that the article should adhere to the general structure of a manuscript, including:

- No numbering of goals and objectives.
- Use of the triangular structure in the introduction, starting with the main issue and focusing on the primary objective. Three paragraphs are sufficient, avoiding one or two-sentence paragraphs.
- Checking the colony morphology formatting in the methods section.
- A study map would be helpful.
- The methods section should be consolidated to ensure a clear and coherent flow.

These suggestions aim to improve the clarity and impact of your manuscript. Ultimately, the editorial team will decide on its acceptance, considering the potential for author revisions.