

Review Form 3

Journal Name:	Asian Journal of Environment & Ecology
Manuscript Number:	Ms_AJEE_130834
Title of the Manuscript:	Analysis of Groundwater Quality Using Physicochemical Parameters in Kahalgaon Town, Bhagalpur District, Bihar.
Type of the Article	Original Research Article

PART 1: Comments

	Reviewer’s comment	Author’s Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	<p>The manuscript addresses a critical issue of groundwater quality in Kahalgaon Town, Bihar, which is of significant importance to the scientific community, especially in the context of environmental health and water resource management. The study provides valuable insights into the physicochemical parameters of groundwater, which are essential for understanding the extent of contamination and its impact on public health. The findings can help policymakers and local authorities implement effective measures to improve water quality and reduce waterborne diseases. However, the manuscript needs to be strengthened with more recent references and a clearer presentation of results to enhance its scientific rigor and relevance.</p> <p>Authors should highlight the broader implications of their findings for groundwater management and public health in the introduction and conclusion sections. They should also emphasize how their study contributes to the existing body of knowledge on groundwater quality in developing regions.</p>	
Is the title of the article suitable? (If not please suggest an alternative title)	The title is generally suitable but could be more concise and specific. Consider revising it to: "Analysis of Groundwater Quality Using Physicochemical Parameters in Kahalgaon Town, Bhagalpur District, Bihar, India."	

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<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>The abstract is not comprehensive and lacks key details about the methodology and specific findings. It should be revised to include:</p> <ul style="list-style-type: none"><li>- A brief description of the methods used.</li><li>- Key results, including the most critical physicochemical parameters that exceeded permissible limits.</li><li>- The implications of the findings for public health and water management.</li><li>- A statement on the proposed solution (Black Plum wood) and its potential effectiveness.</li></ul> <p>Authors should revise the abstract to include the above-mentioned points. The abstract should be concise yet informative, providing a clear overview of the study.</p>	
<p>Is the manuscript scientifically, correct? Please write here.</p>	<p>The manuscript is scientifically sound in terms of the methodology and analysis of physicochemical parameters. However, there are some areas that need improvement:</p> <ul style="list-style-type: none"><li>- The discussion of results should be more detailed, linking the findings to existing literature.</li><li>- The proposed solution (Black Plum wood) needs more scientific evidence to support its effectiveness in water purification.</li></ul> <p>Authors should provide more scientific references to support the use of Black Plum wood for water purification. They should also discuss the limitations of their study and suggest areas for future research.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>The references are insufficient and outdated. The manuscript should include at least 20 recent references (preferably from the last 5 years) to strengthen the literature review and discussion. Some key areas where additional references are needed include:</p> <ul style="list-style-type: none"><li>- Groundwater contamination in developing countries.</li><li>- Methods for water quality assessment.</li><li>- Traditional and modern water purification techniques.</li></ul> <p>Authors should add more recent references, especially from 2023 and 2024, to support their arguments and provide a more comprehensive literature review.</p>	

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Is the language/English quality of the article suitable for scholarly communications?	<p>The manuscript contains several grammatical and spelling errors, which need to be corrected. The language should be polished to meet the standards of scholarly communication.</p> <p>Authors should carefully proofread the manuscript and consider professional editing to improve the language quality.</p>	
Optional/General comments	<p>- The title "Methods and Methodology" should be changed to "Methodology."</p> <p>- Figures and tables need to be properly formatted and labeled. Table titles should be placed above the tables, not below.</p> <p>- The section "Finding and Conclusion" should be renamed "Conclusions."</p> <p>- The manuscript should follow the journal's template more closely, especially in terms of formatting and structure.</p> <p>- The bullet points should be aligned properly to avoid a zigzag appearance.</p> <p>- The titles on the axes of figures and graphs should be improved, with consistent font sizes and styles across all charts.</p> <p>Authors should address all these formatting and structural issues to improve the overall presentation of the manuscript.</p> <p>There are no apparent ethical issues in the manuscript. The study appears to have been conducted in an ethical manner, with no conflicts of interest reported.</p> <p>No competing interests were identified.</p>	

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

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