

### Review Form 3

Journal Name:	<a href="#">Asian Journal of Chemical Sciences</a>
Manuscript Number:	Ms_AJOCS_122984
Title of the Manuscript:	Assessment on Turbidity Removal from Sullage Wastewater using Musa Paradisiaca peels as Natural Coagulant
Type of the Article	Original Research Article

#### **General guidelines for the Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	Reviewer's comment	<b>Author's Feedback</b> (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	<ul style="list-style-type: none"> <li>• While it investigates the use of peels from <i>Musa paradisiaca</i>, a sustainable natural resource, as a coagulant for reducing turbidity in sullage wastewater, this paper is important to the scholarly community.</li> <li>• The research is a significant contribution to the field of wastewater treatment because its conclusions provide an economical and sustainable substitute for conventional coagulants like alum.</li> <li>• Additionally, the study emphasizes how natural coagulants may be used to solve pollution in the environment and advance environmentally friendly behaviors.</li> <li>• The study recommends <i>Musa paradisiaca</i> peels as a viable and efficient coagulant for sullage wastewater treatment, offering a sustainable and cost-effective solution.</li> </ul>	
Is the title of the article suitable? (If not please suggest an alternative title)	<p>The title is suitable, but it can be improved for clarity and conciseness. Here's a suggested alternative title:</p> <p><b>"Turbidity Removal from Sullage Wastewater using <i>Musa Paradisiaca</i> Peels as a Sustainable Coagulant"</b></p> <p style="text-align: center;">OR</p> <p><b>"Turbidity Removal from Sullage Wastewater Using <i>Musa Paradisiaca</i> Peels as a Natural Coagulant"</b></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>The abstract you've provided covers the key points of the study, but it could benefit from some revisions for clarity and completeness. Here are some suggestions for improvement:</p> <ol style="list-style-type: none"> <li>1. <b>Introduction of the Study:</b> Briefly mention the problem or motivation for the study at the beginning to provide context.</li> <li>2. <b>Clarify Methodology:</b> Specify the nature of the "blended" coagulant used and clarify what "batch experimental procedure" entails.</li> <li>3. <b>Results and Comparison:</b> Emphasize the comparative effectiveness of the coagulants more clearly and consistently, and ensure numerical results are easy to interpret.</li> <li>4. <b>Conclusion and Recommendations:</b> Summarize the significance of the findings and suggest potential applications or implications.</li> </ol> <p>Here's a revised version of the abstract incorporating these suggestions</p>	
Are subsections and structure of the manuscript appropriate?	Yes.	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	Yes.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes.	

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<p>Minor REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p><b>Yes</b> - The language in your provided text is mostly clear, but there are several areas where improvements could enhance its suitability for scholarly communication. Below are some specific suggestions to refine the language and structure:</p> <ol style="list-style-type: none"> <li><b>Grammar and Clarity:</b> Correct grammatical errors and improve clarity. For example, "This present study, examined" should be "This study examines" for grammatical accuracy and clarity.</li> <li><b>Consistency:</b> Use consistent terminology and capitalization. For example, "Musa paradisiaca" should be consistently capitalized and referred to as "banana peels" after the first mention if you want to simplify.</li> <li><b>Precision and Readability:</b> Be more precise and avoid redundancy. For example, instead of "The results attained in the present study have shown," you could say, "The study results show."</li> <li><b>Technical Details:</b> Clarify technical terms and ensure the presentation of numerical results is clear</li> </ol>	
<p>Optional/General comments</p>	<p>Conclusion effectively summarizes the study's findings and implications, but it can be enhanced for clarity and impact. Here are some specific suggestions for improvement:</p> <ol style="list-style-type: none"> <li><b>Clarify Effectiveness:</b> Make it clearer how combining banana peels with alum impacts the effectiveness of wastewater treatment.</li> <li><b>Streamline Benefits:</b> Specify the benefits of using banana peels more directly and concisely.</li> <li><b>Emphasize Cost and Availability:</b> Highlight the affordability and local availability more clearly as a significant advantage.</li> </ol>	

**PART 2:**

	<p><b>Reviewer's comment</b></p>	<p><b>Author's comment</b> (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)</p>
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

**Reviewer Details:**

<p>Name:</p>	<p><b>S. Mohan</b></p>
<p>Department, University &amp; Country</p>	<p><b>India</b></p>