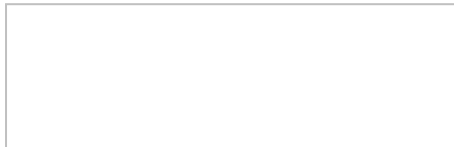


**WST-D-24-00222 - please submit revised manuscript**

2 pesan

**Water Science and Technology** <em@editorialmanager.com>  
Balas Ke: Water Science and Technology <wstem@iwap.co.uk>  
Kepada: Dwi Fitri Yudiantoro <d\_fitriyudiantoro@upnyk.ac.id>

8 Maret 2024 pukul 16.39



Water Science and Technology

Article title: 'The Influence of the Acid Water of the Banyupait River on Community Health in Bantal Village, Asembagus, Indonesia'

Reference No: WST-D-24-00222

Dear Dr Dwi Yudiantoro,

I am pleased to inform you that we have received the reviews of your paper, and invite you to submit a revision, taking into consideration the reviewer comments as detailed at the end of this message.

We will be happy to consider your article for publication in *Water Science and Technology*, if you can address the reviewer comments to their satisfaction.

For your guidance, any specific reviewers' comments are appended below the signature lines. If the reviewers have uploaded any extra files for your reference, you should find them attached to this message. You may also view them by logging in to Editorial Manager, and clicking on the 'View Reviewer Attachments' Action Link for the paper.

You must also make sure that the correct information for your co-authors has been added to the manuscript details and that all of your co-authors have verified their involvement through the links emailed to them. We will not be able to proceed with the next stage of peer review unless all co-authors have confirmed their involvement with the paper.

Please ensure that your revised manuscript also contains the following:

- **Marked-Up Copy of Changes:** Please include a manuscript copy detailing the changes made to your revised article as a separate document.
- **Response to Reviewers:** Please include a document detailing the changes made and why or why not you have made the changes recommended by your Editor and Reviewers.
- **Graphical Abstract:** This should offer readers an at-a-glance visualisation of your paper via a single, concise image.
- **Data Availability Statement:** Please ensure that you have selected the correct Data Availability Statement option in the 'Additional Information' section of your submission.
- **Conflict of Interest Statement:** Please ensure that you have selected the correct Conflict of Interest Statement to certify that the authors are not affiliated with or involved with any organisation or entity with any financial interest or non-financial interest in the subject matter or materials discussed in this paper. You will be able to enter your statement in the 'Additional Information' section of your resubmission to Editorial Manager. Please address queries about Conflicts of Interest to the journal office: [editorial@iwap.co.uk](mailto:editorial@iwap.co.uk).

To submit the revised version of your article, go to <https://www.editorialmanager.com/wst/>, log in as an Author and click on the Submissions Needing Revision folder. You will find your submission record there.

We would like to receive your revision by 22 Mar 2024. If you do not submit your revision by this date, we will consider your paper withdrawn from the review process.

This email has only been sent to you, as the corresponding author; please pass on this message to your co-authors.

Your username is as follows:

dwifitri

Once again, thank you for submitting your manuscript to *Water Science and Technology*, and I look forward to receiving your revision.

Yours sincerely,

Lucy Ibbotson

Journal Administrator

*Water Science and Technology*

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Reviewers' comments:

Reviewer #1: 1. Headings should be numbered.

2. Page 3: "...4 four weeks.." This statement should be corrected.

3. Page 4: Why were the valencies not written for Fe, SO<sub>4</sub>, F, Mn, Cu?

4. Abbreviations should be defined where they first appear in the text body. Then, only abbreviations should be used throughout the article. For example, on Page 8, "Iron (Fe) is mainly found..." "...a lot of high iron (Fe)". In the sentences "The presence of iron (Fe)..." Fe is always used in parentheses. All abbreviations in the text should be checked.

5. Page 8: Sulfate and fluoride are mentioned in the same paragraph and information about Fe, Mn, and Cu is given in separate paragraphs. Therefore, the sentences given below should be included in the article as a new paragraph.

6. "Natural waters usually have fluoride levels of less than 0.2 mg/L. Deep groundwater has a fluoride content of up to 10 mg/L. Marine waters are around 1.3 mg/L (Effendi, 2003). Fluorine can enter groundwater. The fluoride concentration in groundwater is generally higher than the fluorine concentration in surface water due to the interaction between water and rock (Pauwels, 2007)"

7. In Table 1, horizontal lines and vertical lines are used. However, horizontal lines and vertical lines are not used in Table 2. Each table should display a similar appearance. In Table 1, the decimal part must be equalized in numerical values. Sometimes 3 and sometimes 4 numbers are used after the dot. In addition, Table 1: "quality standards" Q must be written in capital letters.

8. The numerical values of the parameters given for quality standards 1 in Table 2 are greater than the values given for quality standards 2. Is it correct? It should be checked.

9. Figure 5 has only units on the y-axis. A y-axis title should be added. For example: Concentration (mg/L)

10. I think there is a mistake in this sentence. "The fluorine (F) content in groundwater sample 1 is 0.6171 mg/L and water sample 7 is 0.687 mg/L, exceeding the Class I Water Quality Standard. Government Regulation of the Republic of Indonesia No. 82 of 2001 is 0.5 mg/L." While the concentration is 0.5 mg/L according to water quality standard 1, the concentration is 0.5 mg/L according to water quality standard 2 in Table 1. A correction must be made.

11. Additionally, the numbering in Table 2 and the expressions in the sentence are not consistent with each other. The value of 0.6171 for groundwater sample 1 is also given for groundwater sample 2 in the table. The explanation incompatibility between the table and the text should be resolved.

12. Which treatment methods can be used to make these waters safer for the public can be briefly included in an appropriate section of the article. What do you recommend, especially for parameters exceeded in water? (i.e. fluoride and sulfate)

In recent years, in an article published in the journal *Water Science & Technology*, it has been reported that many pollutants in water can be removed simultaneously with high efficiency with membrane technologies. (such as bacteria, viruses, suspended solids and ions) doi: 10.2166/wst.2023.186 Membrane technologies should be recommended for water purification by citing this article.

13. In addition, It should also be supported by up-to-date references by listing any other treatment methods you recommend for treatment.

14. Low pH values (< 7) can affect groundwater's increased solubility of Fe, Cu, and Mn elements." This sentence should be supported by reference.

Reviewer #2: Please review the Language of this MS and clarify the novelty of this work.

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 **Revision\_Due.ics**  
1K

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**Dwi Fitri Yudiantoro** <d\_fitriyudiantoro@upnyk.ac.id>  
Kepada: Water Science and Technology <wstem@iwap.co.uk>

11 Maret 2024 pukul 15.30

I will revise it soon.  
Thank you very much  
[Kutipan teks disembunyikan]

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**Your Submission has been accepted for publication WST-D-24-00222R1**

1 pesan

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**Water Science and Technology** <em@editorialmanager.com>  
Balas Ke: Water Science and Technology <wstem@iwap.co.uk>  
Kepada: Dwi Fitri Yudiantoro <d\_fitriyudiantoro@upnyk.ac.id>

5 April 2024 pukul 16.14



Water Science and Technology

Article title: 'The Influence of the Acid Water of the Banyupait River on Community Health in Bantal Village, Asembagus, Indonesia'

Reference No: WST-D-24-00222R1

Dear Dr Dwi Yudiantoro,

I am pleased to tell you that your work has now been accepted for publication in Water Science and Technology. It was accepted on 25 Mar 2024

Any specific comments from the Editor and Reviewers may be found below.

If you would like to order an offprint of your accepted paper, please see [here](#).

Thank you for submitting your work to this journal.

With kind regards,

Lucy Ibbotson  
Journal Administrator  
Water Science and Technology

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**Proof of your paper WST-D-24-00222R1**

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16 April 2024 pukul 15.20



MS: WST-D-24-00222R1

Title: "The Influence of the Acid Water of the Banyupait River on Community Health in Bantal Village, Asembagus, Indonesia"

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We look forward to hearing from you.

Yours sincerely,

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