

Review Form 1.7

Journal Name:	South Asian Journal of Research in Microbiology
Manuscript Number:	Ms_SAJRM_104715
Title of the Manuscript:	Water-Supply Potability Status of Bangladesh University of Health Sciences (BUHS)
Type of the Article	Original Research Article

General guideline for 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 guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalsajrm.com/index.php/SAJRM/editorial-policy>)

Review Form 1.7

PART 1: Review Comments

	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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Dear author(s)</p> <p>The manuscript you presented is of importance to the scientific community, since the quality of the water we drink and the food we eat is paramount human development and although the majority of water sources for human consumption have become potable by coordinated efforts of many agencies, the possibility of contamination is still a reality that requires immediate action when detected. The importance of continuous water sampling and testing is necessary to avoid transmission of pathogens.</p> <p>The manuscript you presented has a suitable title depicting exactly what you wanted to convey to the readers, the abstract is comprehensive and the subsections and structure is appropriate and the facts presented seem scientifically correct.</p> <p>My suggestions for improving your manuscript are as follows:</p> <ol style="list-style-type: none"> 1. There are a few mistakes, both spelling and grammar, but with no impact on the understanding of the text – Please English proof the manuscript 2. There is an abbreviation in the abstract that does not have a full description before it – the reader needs to read a quarter of the article before seeing what MPN means – please add the definition before first usage of abbreviations. 3. Please add in the discussion section a part about what made you think the water in your prestigious institution may be contaminated, where/how such contamination could occur and a situation of contamination/potability of water supplies at national level – previous studies or testing done in Bangladesh, factors that contribute to the quality or lack of quality of water supplies in the country, comparison with other countries in the region and in the World. 4. The reference list is very scarce and very old (all references are over 10 years old). A quick search on Pubmed for ((Bangladesh) AND (water supply or potability or water contamination or water quality)) returned over 750 articles or other materials on the subject in the past 5 years, including some very interesting systematic reviews (I have included some of them below for your consideration. <ul style="list-style-type: none"> • Bilal H, Li X, Iqbal MS, Mu Y, Tulcan RXS, Ghufra MA. Surface water quality, public health, and ecological risks in Bangladesh-a systematic review and meta-analysis over the last two decades. Environ Sci Pollut Res Int. 2023 Aug 1. doi: 10.1007/s11356-023-28879-x. Epub ahead of print. PMID: 37526829. • Parvin F, Tareq SM. Impact of landfill leachate contamination on surface and groundwater of Bangladesh: a systematic review and possible public health risks assessment. Appl Water Sci. 2021;11(6):100. doi: 10.1007/s13201-021-01431-3. Epub 2021 May 29. PMID: 34094797; PMCID: PMC8164486. • Zainurin SN, Wan Ismail WZ, Mahamud SNI, Ismail I, Jamaludin J, Ariffin KNZ, Wan Ahmad Kamil WM. Advancements in Monitoring Water Quality Based on Various Sensing Methods: A Systematic Review. Int J Environ Res Public Health. 2022 Oct 28;19(21):14080. doi: 10.3390/ijerph192114080. PMID: 36360992; PMCID: PMC9653618. <p>In my opinion a serious revision of the relevant bibliography needs to be included in the discussion section of the manuscript.</p> <p>With minor revision this manuscript will be of great value to the scientific community.</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	<p>Yes, the language /English quality is suitable for scholarly communication. There are only a few minor mistakes easily correctable.</p>	

Review Form 1.7

Optional/General comments	I my opinion this manuscript meets the requirements for being published after minor revision.	
---------------------------	---	--

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Chitoran Elena
Department, University & Country	Oncology Institute "Prof. Dr. Alexandru Trestioreanu", Romania