

Review Form 1.7

Journal Name:	Asian Journal of Research in Botany
Manuscript Number:	Ms_AJRIB_110926
Title of the Manuscript:	Assessment of water supply system from catchment to consumers: A study based on Rahas-Ella water purification plant in Kandy, Sri Lanka.
Type of the Article	Original Research Paper

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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)
Compulsory REVISION comments 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. <u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u>	<p>The manuscript gives insight detail of the water quality parameter for Rahas-Ella waterfall which provides details of the water quality in the public interest.</p> <p>How have you mentioned the topic Assessment of water supply system from catchment to consumers when the study relates to water quality not the type of supply system of water.</p> <p>Coordinates mentioned in the abstract are not necessary. The abstract has lots of grammatical mistakes that need to be improvised. Line 19- 21 is incomplete and needs proper closure.</p> <p>The structure is appropriate however lacks the numbering of main headings and subheadings for a better understanding The manuscript follows the scientific structure and is correct</p> <p>References mentioned are very less to support the manuscript. Section with different water quality parameters does not consist of supporting literature regarding consequences of fluctuating of any value in any parameters. Also, more references need to be included in the introduction regarding the importance of water and its quality. For your reference, you may refer to:</p> <p>Mishra, A. and Kumar, R. (2023). Water Resource Management: An Approach to Sustainable Water Management. In Advances in Water Management Under Climate Change (pp. 1-16). CRC Press.</p>	<p>Changed the topic a bit according to the reviewer's comment</p> <p>Attended all</p> <p>The main headlines were numbered</p> <p>A few more references were added. But no access to the one given below.</p>
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	<p>The manuscript has lots of grammatical mistakes the authors are advised to rectify the mistakes for example in line 60, line 90. The alignment of the whole document needs to be in a justified format.</p>	
Optional/General comments	<ul style="list-style-type: none"> Line 30-31 seems incompleted also references need to be added here Line 35-36 this line needs to be rephrased with proper supporting word example – “if exceeds the permissible limit”. Mention in line 38 which pathogens you are talking about that are harmful to human health. In line 53 how is just one paper referred for quantifying the statistics of Sri Lanka water consumption. Line 91-93 source needs to be mentioned for the data used in the line Line 105- The aspect ratio of the map and fig description is not appropriate. Location marking on maps needs to follow even symbology as samples. Line 123 Simplified table required coordinates could be mentioned as latitude and longitude. Line 152 Since GIS is used a proper figure of shapefile map indicating the location of the study area with country needs to be included Line 190-191 Included under the section Turbidity Line 253-256 Need more elaboration the EC values have not been compared among all the samples Line 277 Why only 3 samples taken and not from the end consumer supply where drinking water is available 	<p>All done.</p> <p>3 locations were selected, one from the fall, one from the very first step of the purification process, and the remaining was purified water.</p>

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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)	