



SDI Review Form 1.6

Journal Name:	British Microbiology Research Journal
Manuscript Number:	Ms_BMRJ_27557
Title of the Manuscript:	QUALITY AND MICROBIAL ASSESSMENT OF WATER USED BY THE RESIDENTS OF KABIANGA FROM THE DIFFERENT SOURCES
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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
<u>Compulsory</u> REVISION comments	The Abstract (lines 5 – 21), including the other parts, should be restructured entirely. The first sentence in the abstract should begin with a definite article “The”. It can be restructured this way: ‘The lack of potable water in rural areas is a phenomenon experienced in the third world countries.’ The abstract (including the entire work) lacked a well-defined standard methodology employed in the analyses of the said water samples. The author should state his/her findings clearly, as well as recommend possible ways out of the problems associated with water in the area studied. In the introduction, the author should check his/her use of grammar. He/she should make use of the correct punctuation marks. In the Materials and Methods (Lines 84 – 87), the author should: - a). Indicate the total number of water samples collected. - b). Give a clear description of the location where water samples are collected. - c). Indicate the type of water collected (e.g., fresh, brackish or marine water). In lines 88 – 97, the author should indicate the	Corrected accordingly Corrected Attended to Corrected Implemented Corrected



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	technique(s) employed in the enumeration of microorganisms (Is it a pour plate method or a spread plate method?)	Corrected
	Restructure line 98 – 112. At the confirmed test, the author should indicate the temperature condition of which the sub-cultured EMB agar plates were incubated for <i>E. coli</i> enumeration. He should note that the standard temperature for faecal coliform enumeration is $44\pm0.5^{\circ}\text{C}$. The method for the completed test should also be stated.	Corrected
	At lines 114 – 121, the author should add 'loop' as a suffix to 'wire'. He/she should indicate the quantity of the sample streaked (e.g., 0.1ml, 1.0ml, etc.).	Attended to
	In the Results and Discussions, the result is not well presented. The author should be concise in his/her report. There is no need of him/her giving too many explanations on biochemical tests used.	Corrected
	The author should also consult his or her literatures for quality discussions.	
	He/she should compare the data generated through the MPN method with that of the WHO (or any similar regulatory) standard for potable water.	Corrected
	In lines 123 – 131, the results presented by the author showed that he/she makes use of the tool, questionnaire in the study. Therefore, he/she should indicate in the materials and methods that questionnaires were administered, stating the number of respondents.	Corrected



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	In lines 132 – 133, the sentence, “A total of 20 samples were collected from all.....and 8 from Chepnyogaa” should be removed from this section and placed in the Materials and Methods; preferably, in lines 86 – 87. In lines 149 – 157, the use of Durham’s tubes should be incorporated in the presumptive test (lines 99 – 105) The author also, did not mention the names of microorganisms isolated and identified from the water samples other than <i>E. coli</i>. He did not carry out statistical analysis to determine the significance of the study, and the correlation of the water sources. The MPN units are not stated. In the Conclusion, the author should conclude his/her study on the basis of the purpose of study. The approved Referencing method by your journal should be strictly followed by the author. For instance, the author wrote: <i>Goel P. K: (1997).....</i> He/she should ensure that the right punctuations are observed. E.g., <i>Goel, P. K. (1997)....</i>	Corrected
Minor REVISION comments		
Optional/General comments		