

Review Form 1.6

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_88676
Title of the Manuscript:	EVALUATION OF SURFACE WATER CONTAMINATION BY LEACHATE FROM UNCONTROLLED LANDFILLS: A CASE STUDY OF YENAGOA CENTRAL WASTE DUMP, NIGERIA.
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.journaljerr.com/index.php/JERR/editorial-policy>)

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	The results of monitoring are interesting from the point of view of potential hazardous levels from human and environmental health; however, the manuscript needs to be improved, especially in highlighting a better interpretation and discussion of the results. Overall: Review the writing in English (word spacing, grammar and spelling). (i) The study objectives are not clear in the manuscript. Please indicate the objectives of the study. (ii) What is the hypothesis of this study? (iii) Enter a description of the geology (soil type) and climate of the area where the landfill is located. These descriptions can help in the discussion of the water contamination rate. (iv) The first 3 lines of results and discussion should be reallocated in the materials and methods section. (v) The water quality parameters must be presented with standard deviations, maximum and minimum values. Do the values shown in Table 2 correspond to the average? (vi) In the manuscript, the units of each limnological parameter must be inserted after the indicated value. (vii) Discussion of the results is insufficient, as there are only indications of the results and the values allowed by the Nigerian Standard of Drinking Water Quality (NSDWQ) and World Health Organization (WHO). (viii) Authors should indicate the ecological consequences of water contamination. The possible effects on human health must also be indicated. What are the uses of water around the landfill, what are the consequences of water quality for these uses? (ix) How can the results obtained in this study contribute to the implementation of public policies?	
Minor REVISION comments		
Optional/General comments		

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)	

Reviewer Details:

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