



SDI Review Form 1.6

PART 1:

Journal Name:	<u>British Journal of Applied Science & Technology</u>
Manuscript Number:	2013_BJAST_5079
Title of the Manuscript:	The impact of pit latrines on groundwater quality in Foko-slum, Ibadan, Southwestern Nigeria
Type of the Article	Research paper

General guideline for Peer Review process is available in this link:

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

- This form has total 7 parts. Kindly note that you should use all the parts of this review form.



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PART 2: 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	<i>Title</i> This could read 'Impact of pit latrines on groundwater quality in shallow wells of Foko slum in Iban, Southern Nigeria' <i>Abstract section</i> This should have background précised information, indicate how data was analysed and give implication of the study. Line 12-13; 'The faecal coliforms.....and the wells' is data analysis which come before results. Delete 'the' in line 12 before 'presence' Last word (Foko) be replace with the 'wells' <i>Introduction section</i> Lines 17&18 delete 'the' Lines 34, delete 'the' before 'rural' Sentence from line 39-41 can be deleted. Line 44 should read 'drinking water source' Line 46, delete 'to' Line 47, delete 'the' Line 49, delete 'the' before 'very', 'unsaturated' and after 'to' Line 51, delete 'the' before 'commonly' and replace 'the' before 'well' with 'water' Line 52, delete 'the' in the entire line Line 54, replace 'and' with the phrase 'with different' Line 56, delete 'the' before 'risk'	The article topic was re-written based on suggestion of two reviewers. Abstract was also re-written. Minor mistakes identified in the article have been carefully corrected. Sampling method and analysis have been explained. Sample storage and transportation were also explained in the revised article. Total bacterial count in the initial article has been replaced with total coliform and faecal coliform. Method of these bacterial isolation and enumeration were included in the revised article. We have tried to shorten the lengthy sentences in the article as suggested by this reviewer. All other minor corrections recommended by the reviewer were carefully done line by line.



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	Line 58, delete 'a' and 'to allow' Line 61, introduce full stop after 'water' Replace 'which' with 'This' Line 62, delete 'it'. Introduce full stop after disease. Delete the rest up to line 63. Line 64, delete 'the' after 'on' Shift sentence in line 91-94 to line 69 after full stop. This phrase put the validity of your regression into question because you have mentioned the likely sources of contamination of the well. How did you take care of such externalities in your regression equation. You could use 'distance' instead of 'location' in line 91. Line 70, use 'in respect to' instead of 'where they co-exist with' Line 72, delete 'is' Line 73, delete 'the' and 'in' Line 74, delete 'Foko' and replace 'aimed at' with 'to' Line 75, 'enhancing' used be in past tense <i>Method section</i> This should be re-done. Separate sampling procedures from laboratory analysis. However, • How did you store your samples in the field? • How did you sample for bacteriological? Usually aseptic sampling is recommended. From method you used non sterilised bottled that could have resulted into contamination of your samples. • What media was used for the culture of E-coli, F. coliform and total coliform and for how long? To me it seems the difference between them is not clear to you. • How did you differentiate the bacterial growth? <i>Results and discussion</i>	
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	This has to be consolidated. <i>General</i> Avoid use of long sentences and be précised. The flow of the manuscript particularly in the method and, results and discussion is yet desirable.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		