



SDI Review Form 1.6

Journal Name:	<u>British Journal of Applied Science & Technology</u>
Manuscript Number:	2014_BJAST_13631
Title of the Manuscript:	KINETICS AND PARTICLE REMOVAL PROFILE OF SNAIL SHELL – ALUM INDUCED COAG-FLOCCULATION OF QUARRY EFFLUENT.
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 REVISION comments</u>	1. The highlighted in red ones is copied from the paper as shown below. Try to write the sentence in your own because its the start of your introduction which creates a negative impact. The problem of providing sufficient quantities of high quality water to satisfy our domestic, industrial and agricultural needs have been a global concern. The continuous increase in popultion size, climate change and environmental pollution only exacerbate the situation. It is worthy to note that there is no physical shortage of water on the planet earth. It covers 70% of the globe. However, 97% of the world water is saline and is thus, non-drinkable. 2% is locked in glacier and polar ice caps. This leaves 1% to meet humanity needs. Copied from IJRRAS 7 (2) • May 2011 www.arpapress.com/Volumes/Vol7Issue2/IJRRAS_7_2_15.pdf DETERMINATION OF NITRATE ANION IN WASTE WATER FROM NINE SELECTED AREAS OF COASTAL GUYANA VIA A SPECTROPHOTOMETRIC METHOD. 2. Presence of silica in snail shell may interfere with coagulation process, what parameters you have considered so that snail	<i>The journal in question is my number one reference. However, i have made some modifications in the statement in question.</i> Analysis for silica was not done and considering the result of the investigation, the effect or interference if any must be negligible. The comparison using bar chart has been presented.



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	shell contains no silica in it. 3. Particle reduction profile for alum and SSC coagulants could be shown and compared in bar graph so that one can differentiate clearly the outcome of your result work.	
<i><u>Minor REVISION comments</u></i>	1. In section 3.2 and 3.3 Materials and methods the Preparation of snail shell coagulant and Jar test, flow chart must be presented in order to have clear understanding about the procedure being followed. 2. Results are to be followed with discussion, somehow i felt result part was expalined nicely but it was not proper supported with discussion. competing interest:- Yes, the research paper could open a scope for the treatment of water by innovative technology.	The methodology was clearly stated. Thus there is no need for flowchart.
<i><u>Optional/General comments</u></i>	The work is very innovative and is based on good concept for the treatment of water.	