



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	Ms_BJAST_26840
Title of the Manuscript:	Optimization of drinking water treatment process by modeling the aluminum sulfate dose
Type of the 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:

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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	Abstract: need to add results and conclusion. Avoid using when you mention any parameters or results just close the brackets. Line 4, 14, and 43. Keywords, (coagulation , turbidity, aluminium sulphate, water treatment). Please remove other words used. Line 17, what is en? Mentioned before the word understanding? Line 20, remove aeration, and add flocculation right after coagulation. Line 22, replace the word separated by removed. Line 26, 62, jar test not jars test. Line 29, check the references and follow same reference writing system either [1-2-3] or [1], [2], [3]. Line 36, check ref no. Is it 8, 9, 9? Or 8, 9, and 10? Line 38, remove and and add it right before pH. Line 39, and 200, health problems not healthy problems. Line 43, remove the whole paragraph starting from this paper..... to presented and discussed. Line 47, no need for the title , just proceed with introduction. Line 52, the water treatment plant, not the treatment water plant. Line 63, variables used in this study is presented with the following variation levels as shown in Table 1. Line 64, please clarify or identify what is ONEE??in this line and 71, 83, 97, 106.	



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	LINE 66, THE VALUES IN Table 1 are different that values appeared on Figure 2. Line 68, as shown in Figure 2, remove the words (the graph below) Line 75, clarify more about the numbers 88%, 64% and 1637, 2556 days. Not clear. Line 81, replace the table below to Table 3. Add max n min value. Line 83, add Turbidity (NTU) in the raw of Year 2013. Line 86, add as shown in Figure 3. Line 99, 104 (inside figure4), 114, 130, 177, 180 (inside the figure 8) , 182, 183, 186 inside figure 9, 187, change SA to Alum or Aluminium sulphate. Line 99, change 65% to 70%. Line 114, what is meant by statgraphics? Line 117, change by the figure below to by Figure 5. Line 131, replace below to in Table 4. Line 132, give number 2.1 turbidity =10 NTU. LINE 151, GIVE NUMBER, 2.2 turbidity =20 NTU Line 142, change table below to Table 5. Line 146, should add some text here to give an idea about Figure 6. Line 153, the table below should be replaced by Table 6. Line 163, the table below should be replaced by Table 7. Line 166, should add some text here to give an idea about Figure 7. Line 178, add, as shown in Figures 8 and 9. Line 191, the figures above should be replaced by Figures 8 and 9. Line 204, non linear not no linear model. It is very important to name x-axis and y-axis in all figures shown in the paper.	
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	For references , authors should follow same system in writing ref, such as name of author, year, vol of journal,.	
<u>Minor</u> REVISION comments	none	
<u>Optional/General</u> comments	none	

Reviewer Details:

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