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Journal Name:	**Asian Journal of Chemical Sciences**
Manuscript Number:	**Ms_AJOCS_45061**
Title of the Manuscript:	**Heavy metal and major ionic contamination level in surface and groundwater of an urban industrialised city: a case study of Rangpur city, Bangladesh**
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

<table>
<tr><th></th><th>Reviewer's comment</th><th>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)</th></tr>
<tr><td><u>Compulsory</u> REVISION comments</td><td>The MS needs to be restructured bearing in mind the following:

1. The MS is dealing with effluents and not surface water.
2. Is the study a background work for future reference, if so surface water should have been included.
3. Effluent water cannot be assessed for drinking, irrigation and industrial use.
4. Why not consider the level of contamination using existing indices?
5. Why not use WHO and Bangladesh Standards? Why mix up standards?
6. Consider also processes controlling water chemistry through cross plots and ionic ratios!</td><td></td></tr>
<tr><td><u>Minor</u> REVISION comments</td><td>As above and comments below (see Table at the end)</td><td></td></tr>
<tr><td><u>Optional/General</u> comments</td><td>As above and comments below (see Table at the end)

Additional Comments

<table>
<tr><th>No</th><th>Page</th><th>Line</th><th>Comments</th><th>Remarks</th></tr>
<tr><td>1</td><td>1</td><td>18</td><td>Consider</td><td>….closely related with….</td></tr>
<tr><td>2</td><td>1</td><td>26</td><td>Consider</td><td>…..developing world [2]…</td></tr>
<tr><td>3</td><td>1</td><td>35</td><td>Consider</td><td>…….disposal of domestic, agricultural, municipal and industrial wastes and effluents…….</td></tr>
<tr><td>4</td><td>2</td><td>42-43</td><td>Source (s) of information</td><td></td></tr>
<tr><td>5</td><td>2</td><td>44-53</td><td>Any background study in the area?</td><td>Or is it a baseline study? If so include it</td></tr>
<tr><td>6</td><td>3</td><td>Fig. 1</td><td>Use different symbols for both groundwater and surface water</td><td></td></tr>
<tr><td>7</td><td>3</td><td>Table 1</td><td>Type of sample… Surface water</td><td>The table shows sampling of effluent/drain water and NOT surface water?</td></tr>
<tr><td>8</td><td>4</td><td>128-133</td><td>Why the irrigation classification?</td><td>What are the study objectives? See lines 51-53? Why not drinking, irrigation and industrial use?</td></tr>
<tr><td>9</td><td>5</td><td>149</td><td>Why South African Guidelines?</td><td>Why not WHO or Bangladesh Guidelines? Besides you are dealing with effluent water?</td></tr>
<tr><td>10</td><td>7</td><td>197, 202</td><td>What is me L^{-1}?</td><td>milliequivalent per litre? (meq L^{-1})</td></tr>
<tr><td>11</td><td>8</td><td>245-248</td><td>Which explanation of the source (s) Na fits the study area?</td><td></td></tr>
<tr><td>12</td><td>8</td><td>258, 270</td><td>Drinking water?</td><td>Why not drinking, irrigation and industrial use?</td></tr>
</table>
</td><td></td></tr>
</table>

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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:

Name:	***Aniekan Edet***
Department, University & Country	***University of Calabar, Nigeria***