



**SDI Review Form 1.6**

Journal Name:	<a href="#">Current Journal of Applied Science and Technology</a>
Manuscript Number:	<b>Ms_CJAST_47666</b>
Title of the Manuscript:	Source Identification of Polycyclic Aromatic Hydrocarbons in Water at Point of Effluent discharge point into the New Calabar River, Port Harcourt, Rivers State, Nigeria
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:

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

**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b>Compulsory</b> REVISION comments	<p>The manuscript presents a local study of PAHs in water samples, which is of interest for the environmental sciences. However, this is required to make major changes:</p> <p>The Introduction section of the manuscript requires extensive revision. The authors need to expand the review of literature that is relevant to their study and the scientific contribution must be clarified. The aim of the study needs to be properly highlighted and selection of PAHs must be justified.</p> <p>L15 Please, it should be used "showed" instead of "gave"                      L58 please, it should be used "<i>n</i>-hexane" instead of "hexane"                      L52 It must be provided the criteria for site selection                      L57 It must be briefly provided the conditions and technique used for both extraction and purification                      L60 It must be provided chromatographic conditions and merit figures (<i>r</i>, limit of detection, limit of quantification, precision, accuracy, recovery etc.) How were corrected the interferences?                      L64 The Results and Discussion section must be improved. This must be presented more clearly and discussed properly. A statistical analysis should be used to justify results.                      L66 title should be as table header                      L78 to 83 Those paragraphs should be included on Introduction section                      L87 The concentrations reported are very high, some of those values found are higher than solubility than compounds at water.                      L106 please, units must be provided                      L115 please, use "PAHs" instead of "Pahs"                      L131 please, I think that "imput" must be corrected                      L162 It is advisable that conclusions agree with results and the discussion of the work itself                      L167 Please, it should be used "in order" instead of "inorder"</p>	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		



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**PART 2:**

	<u>Reviewer's comment</u>	<u>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>
<u>Are there ethical issues in this manuscript?</u>	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	

**Reviewer Details:**

Name:	<i>Mario Alfonso Murillo Tovar</i>
Department, University & Country	<i>Universidad Autónoma del Estado de Morelos, México</i>