



SDI Review Form 1.6

Journal Name:	Chemical Science International Journal
Manuscript Number:	Ms_CSIJ_30118
Title of the Manuscript:	Investigation of the Occurrence and Levels of Some Heavy Metals In Spring Water from Bazza, Pella And Yadim Areas of Adamawa State
Type of the Article	Environmental chemistry

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</u> REVISION comments	<p>1.The introduction is very long and must be reduced to contain the data about heavy metals and the study area as well as the aim of the study</p> <p>2.The reference list should be written in the same manner</p> <p><u>Corrections</u></p> <p>Page1, Line 4: Replace “spring” with “springs”</p> <p>Page1, Line 5: Replace “in other to” with “in order to”</p> <p>Page1, Line 12: Delete “Fe” after the values of Fe and insert this sentence in the end of abstract “While the studied samples contain higher concentration of Fe than the acceptable range of NAFDAC (2001) and SON (2007).</p> <p>Page1, Line 18: replace “Water is a unique and one of the most essential.....” with “Water is the unique and the most essential.....”.</p> <p>Page1, Line 21: add full-stop after in some cases and then add “In addition water participate”.</p> <p>Page1, Line 25-26: rewrite the sentence as following” Thus in nature, water is not pure as it acquires contaminants from its surrounding and those arising from <u>natural sources as well as humans, animals and other biological activities</u> (Mendie, 2005).”</p> <p>Page 1-3 lines 27-72: these lines should be replaced with “A water body can be polluted when a large amount of contaminants or harmful materials are disposed either directly or indirectly into it, making it unfit for intended use, and poses severe threat to the aquatic life therein. Groundwater represents the second source of fresh water worldwide and has a great importance. Groundwater flows through layers of sand, clay, rock and gravel. These serves as filters that cleanse the water, and since underground water is not exposed, things that fall into surface water can't fall into it. This means that groundwater stays cleaner than water on the surface. Of all the water sources, groundwater is the least exposed, cleaner and safer than surface water, and most people assume that it is safe for both domestic and industrial</p>	



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	<p>use with little or no treatment. However, studies conducted by Momodu and Anyakora (2010), assessed the quality of underground water in a neighborhood in Surulere, Lagos state and found detectable concentrations of Al, Cd and Pb. About 32.65% and 36.73 of samples contain Cd and Pb above the Maximum allowable limit, respectively.”</p> <p>Page 3 lines 80-81: delete “the term..(Lenntech, 2004).”</p> <p>Page 3 lines 83: Replace “Human” with “human”</p> <p>Page 3 lines 85-87: Rewrite the sentence as following” Some heavy metals are essential to sustain life; Fe, Mn, Co, Cu, Mo and Zn are needed at low levels as catalyst for enzyme activities in humans (Adepoju-Bello et al., 2009).</p> <p>Page 4 lines 94-96: delete the sentences “The state capital.....(Ishaku, 1995).”</p> <p>Page 6 lines 162: Replace “0.87” with “0.79”</p> <p>Page 6 lines 175-178: Delete the sentences “The element manganese.....or silicates.”</p> <p>Page 7 lines 189: Remove double full-stop after “Fe(III)”</p> <p>Page 7 lines 203: add “many” after “metal and in”</p> <p>Page 7 lines 207: add “except Fe” after “heavy metals detected”</p>	
<u>Minor</u> REVISION comments	Some edit mistakes should be corrected	
<u>Optional/General</u> comments		

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