

# Review of: "Assessment of Quality of drinking waterbased on the water quality index method in Hawassa Zuria Woreda, Sidama Regional State, Ethiopia"

Syed Sauban Ghani

Potential competing interests: No potential competing interests to declare.

The paper is full of grammatical, and typos errors.

The referencing in the text is also not in a standard way.

I could not find any Tables in the entire paper, however in the text Tables were mentioned.

The statistical study should be shown with the Graph.

**Abstract:** Why the abstract is having so many sub-heading. The normal protocol is to have a single paragraph without subheading and should be restricted to 250 words. The authors should mainly emphasize on specific results and its consequences.

If journal policy permits, graphical abstract can be added.

**Water Points Selection procedure:** Procedure – Use capital P

*Line 8-* five Kebeles- Use some universal terms.

Sampling size for water quality: Capitalize each word

*Line-1-* Remove 'typical'

Use short form in bracket for each. For example- borehole (BH), the reservoir (?)

Water Sample Collection and storage: Capitalize each word

*Line-4-* for bacteriological? Add analysis

*Line-8-* and tap water. Add respectively

*Paragraph-2, Line 4 & 5:* of 4-10 0C for the duration of the 48-hour physico-chemical examination. Rephrase it as: of 4-10 °C for 48-hour for physico-chemical examinations.

Last sentence- Use capital word for each name. Like school, chemistry

Heavy metal evaluation index (HEI)

What is Hmax in equation 3?

The concentration of Heavy Metals in drinking water

3<sup>rd</sup> Paragraph: What is BDL band?

Bacteriological quality of drinking water

2<sup>nd</sup> Paragraph: Any reference for Ethiopian parameter.

## Discussion

3<sup>rd</sup> Paragraph: What do you mean by ESA standards?

3<sup>rd</sup> Paragraph: The Zn is below the permitted level. Can you discuss the consequences of low zinc.

6<sup>th</sup> Paragraph-Cobalt: Leaching from metals that come into contact with drinkable water is the main cause of nickel contamination. Can the authors explain that the study area has any metallurgy units?

Secondly the study is done in rural area and the source of contamination as mentioned is Urban area (Untreated urban sewage may be the cause of these increased concentrations in the water). Can you explain?

**Conclusions-** The conclusion is too long. No need to repeat what have you done. Focus only to the important and abnormal findings and suggest its scientific solution to the problem