

The manuscript has evaluated an important subject related to seasonal dynamics of basic water quality parameters. It is obvious that studies on how water resources respond to pressure factors like wastewater discharges must be used to manage water resources effectively. Therefore, in this respect, the manuscript has to be evaluated for possible publication.

This paper needs a revision for the following reasons:

In section “Abstract”

The abstract needs improvement to better describe the aim of the study and major findings.

In Section “Introduction”

Introduction section needs some improvement. Literature related to the methods used in this study should be added to introduction section. Even though introduction includes the study importance, the model and statistical method used in the study also have to be mentioned.

In section “Methodology”

Please give more information regarding the methods used to analyze nutrients.

In section “Discussion”

The discussion section should be improved. Some paragraphs are far from discussing the results. Please revise discussion section and where necessary move the content to introduction section. In addition, this section should include an integrated interpretation of the results of each method used in the study.

The authors should include suggestions for increasing water quality at the study area.

In section “Conclusion”

In conclusion section lines 423-424: The sentence “*Distance from effluent outfalls, season, and climatic and geographic factors all play important roles in the water quality dynamics of effluent-dependent streams*” should be revised and relevant revisions should be made in the text.

In "Conclusions" please specify the contribution of this study to the relevant literature.