

V. CONCLUSION AND SUGGESTION

A. Conclusion

Macroinvertebrates obtained in the Banjaran River consisted of 35 families with the common species are Perlodidae, Hydropsychidae, and Oligochaeta families. The biotic indices applied in Banjaran river detect organic matters based on family scores. The water quality of Banjaran River still quite good in accordance with the PP No. 22/2021 quality standard but received the organic matters at Stations IV and V. The LQI index was the most applicable and can indicates the organic matters of Banjaran River.

B. Suggestion

As for suggestions that can be submitted based on the results of research on the Banjaran River, the LQI index can be used and acceptable for assessing water quality.

