

IV. CONCLUSION

Pollution loads into Lake Toba waters originate from activities in the catchment and the waters themselves, including organic matter and phosphorus components. The impact caused by the pollution load is eutrophication that leads the water class worse and reduces the oxic column in the hypolimnion. Cage aquaculture activities need special attention because besides supplying relatively high TP, which stimulates eutrophication, they are also supplying high organic waste in feces and uneaten food, which will cause high COD and anoxic conditions at the bottom part of the lake.

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