

Study on Water Quality and Trophic Status of Sulekere Tank, Maddur Tq, Mandya Dist, Karnataka

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Abstract: *Sulekere tank is situated on Mandya-K.M. Doddi road. It is Located at 12 Km from Mandya city towards North-West direction. The tank water mainly used for agriculture and aquaculture. The lake's Water shed area is covered by agricultural lands. On these lands uncontrolled and over use of fertilizer have been identified as the main source of excess nutrients in the tank. In addition to this the domestic and industrial wastewater also been identified as the main sources of excess nutrients in the tank. In order to evaluate the status of tank and to assess the pollution level through the characterization of water the present study was conducted*

Keywords: Sulekere tank

REFERENCES

- [1]. APHA, "Standard Methods for The Examination of Water and Wastewater" 20th Ed., American Public Health Association, New York, 1998
- [2]. Krishna B.M and K.M.Ananthu ,” Trophic Status Classification and Composition Of Thonnur Lake, Pandavapur”, M.Tech Thesis, Mysore University,1998.
- [3]. Metcalf and Eddy, Inc. 1982, “Waste Water Engineering Treatment Disposal”, TMH Edition, TMH Publishing Company Ltd., New Delhi.
- [4]. Symposium on Conservation, Restoration and Management of Aquatic Ecosystems Lake-2002, organized by CES, IISc, Bangalore, Karnataka Environment Research Foundation, Bangalore and Commonwealth of Learning, Canada