

## STUDY OF PHYSICO-CHEMICAL PROPERTIES OF TERNA DAM WATER RESERVOIR DIST. OSMANABAD M.S. (INDIA)

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### **ABSTRACT**

*The present investigation was under taken to study the physicochemical properties of Ternawater reservoir dist. Osmanabad M.S. (India). Monthly variation in Atmospheric Temperature, Water Temperature, Transparency, pH, Dissolved Oxygen, Free Carbon Dioxide, Total Hardness, Total Dissolved Solids, and Total Alkalinity, Chloride were studied during October 2016 to November 2017. The water samples were collected monthly from the three sampling stations. All the parameters was analyzed and compared with standard of WHO, ICMR and APHA (1998) were used. The Terna Dam is constructed on the river Terna which is situated about 20km from Osmanabad city. The water of Terna dam is useful for drinking, farming and fish production, because it cannot crosses the permissible limit given by ICMR and WHO.*

**KEYWORDS:** *Ternadam, Physico-Chemical Parameters*