



Assessment of Water Quality Index of Ground Drinking Water in Ganeshwar and Chala Villages of Neemkathana Block of Sikar India

Santosh Kumar Verma¹, Ashok Kumar Kakodia¹ and Shiv Lal²

1, Govind Guru Tribal University Banswara-342001 **INDIA**

2, Rajasthan Technical University Kota-324010 **INDIA**

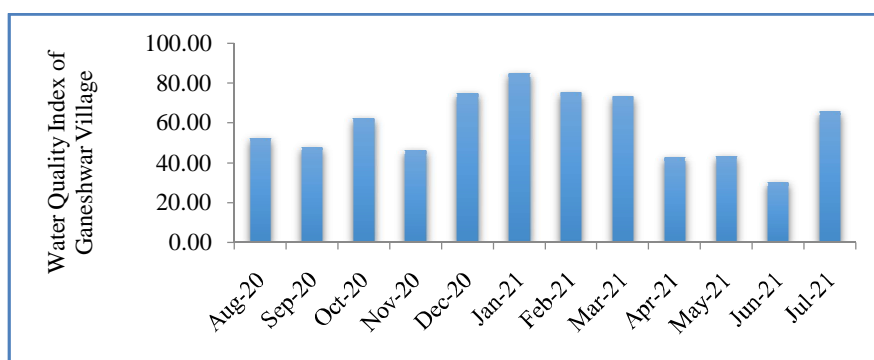
Email: vermask76@gmail.com

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ABSTRACT

In this communication, the water quality index of Ganeshwar and Chala villages of Neemkathana block in Sikar District of Rajasthan state has been uttered. The water samples were collected from the sampling points strictly as per BIS recommendations. It is observed that the WQI of Ganeshwar village is found below 100 and in Chala Village is observed sometimes above the 100. The quality of water in Chala village is not a good quality for drinking purpose. The TDS level of Ganeshwar and Chala villages found higher than the acceptable limit of 500 mg/l. This study is given a direction for researchers in this area and facilitates to identify the sickness area due to these Physico-chemical parameters. The authors have been recommended the five stage R.O. type filtration system for reducing the Fluoride, Nitrate and TDS in these villages.

Graphical Abstract



WQI of water in Ganeshwar Village of Neemkathana block.

Keywords: Water, Physico-chemical study, Water Quality Index.