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Hydrochemistry of Surface and Groundwater of Walwa Taluka, Sangli District, Maharashtra

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Abstract

This study aims to assess the contamination levels of surface and groundwater from both the banks of river Krishna in Walwa Taluka of Sangli District, Western Maharashtra. 50 surface and groundwater samples were collected for physicochemical analysis. The chemical characteristics of water samples were determined as per the standard methods and the results were compared with standard norms recommended by the Bureau of Indian Standards. The suitability of groundwater for drinking purpose, suggests that the water is hard to very hard type. The quality of water for irrigation purposes shows the conflicting evidences for suitability for agricultural purposes..

Keywords: Surface water pollution, Groundwater pollution, Walwa Taluka, Sangli District, Maharashtra.