

Chemical Analysis of Drinking Water of Villages of Mahad Tahsil Raigad Distract

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Abstract: *The water quality is determined in different villages of Mahd Tahsil & water samples taken from different locations like Savitri river water, Bore well water, open well water; where from each water samples are under studied for Physico- chemical status of water samples. The present research work has been carried out to estimate the various physico-chemical parameters of drinking water at eight different villages around Mahad town Raigad Maharashtra. All the drinking water samples were subjected to analysis of physico-chemical parameters such as pH, electrical conductivity, total dissolved solids, chloride, sodium, potassium, calcium, magnesium, nitrate, sulphate, phosphate and fluorid . The obtained results are compared with WHO standard values. The results revealed that most of the physicochemical parameters such as fluoride were in high concentration at most of the drinking water sampling stations*

Keywords: drinking water, physico-chemical, total dissolved solids, water quality