

A STUDY ON AVAILABILITY AND POTABILITY OF DRINKING WATER

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ABSTRACT

STUDY ON AVAILABILITY AND POTABILITY OF DRINKING WATER

Water is the important for everyone for land and regulating the climate. It is one of the most important compounds that profoundly influence life. The quality of water usually described according to its physical and chemical characteristics. The quality of water is studied in the villages of Guntur, Andhra Pradesh, India. The water samples from ten locations within the area of the Guntur region are collected with monthly variations for three month and analyzed for their suitability with respect to drinking, irrigation. However, the overall ground water quality is suitable for irrigation purposes, though a few parameters showed high values at few locations. The water and sanitation are one of the primary drivers of public health. It was a community based cross sectional study. The study was conducted by using water potability kit and interview schedule. A total of 100 households were interviewed and sample of drinking water was collected from each of the households using two stage sampling.