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Study of Water Quality Index to Assess Chemical Parameters of Deep Tube wells, Shallow Tube Wells and Open Ponds of Nagaur District, Rajasthan

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ABSTRACT

The present study deals with the chemical analysis and study of water quality index to assess fluoride, nitrate, chloride, Mg, Ca, pH, hardness, alkalinity and TDS of deep tube wells, shallow tube wells and open ponds of Nagaur District. The presence of problematic salts contains in ground water due to local pollutants and geological reasons affect the ground water quality adversely. In these adverse conditions open ponds are the best alternates of water for domestic use. These open ponds are considered as the best storage tanks for rain water.

Keywords: Chemical analysis, water quality, pollutants, tube well, open pond, rain water harvesting.
