

عنوان مقاله:

A study on some physical and chemical parameters in drinking water resources

محل انتشار:

اولین کنفرانس بین المللی سلامت، بهداشت و آموزش (سال: 1403)

تعداد صفحات اصل مقاله: 5

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خلاصه مقاله:

With growing population in the world, groundwater resources play major role in drinking water supply. The purpose of this research is to determine the quality of Saravan' village's drinking water resources which is located in Guilan province. Samples were taken for testing some physical and chemical characteristics of drinking water including turbidity, EC, pH, TDS, total alkalinity, nitrate, ammonia and calcium. The parameters were measured based on the standard method book and compare them based on Iran's national standard. Average of physical and chemical parameters during three seasons including turbidity, EC, pH, TDS, Total alkalinity, Nitrate, Ammonia, Calcium, remaining chlorine were 2.35 ± 0.24 , 1220.43 ± 35.31 , 7.24 ± 0.04 , 935.44 ± 61.97 , 404.56 ± 12.77 , 6.14 ± 0.62 , 0.29 ± 0.03 , 157.2 ± 7.41 and \cdot respectively. According to the obtained results, all the parameters were found to be within the permissible Iranian standards and the quality of Saravan' village's drinking water is good for consumers.

کلمات کلیدی:

Physical and chemical quality; drinking water; groundwater resources

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<https://civilica.com/doc/2084685>

