

Water Sources in 3 Local Municipalities of O. R. Tambo District Municipality, South Africa: A Comparative Study

Authors : Betek Cecilia Kunseh, Musampa Christopher

Abstract : Despite significant investment and important progress, access to safe potable water continues to be one of the most pressing challenges for rural communities in O R Tambo District Municipality. This is coupled with the low income of most residents and government's policy which obliges municipalities to supply basic water usually set at 6 kilolitres per month to each household free of charge. During the research, data was collected from three local municipalities of O. R. Tambo, i.e. King Sabata Dalindyebo, Mhlontlo and Ingquza Hill local municipalities. According to the result, significant differences exist between the sources of water in the different local municipalities from which data was collected. The chi square was use to calculated the differences between the sources of water and the calculated critical value of the District Municipality was 18.77 which is more than the stipulated critical value of 3.84. More people in Mhlontlo Local Municipality got water from the taps while a greater percentage of households in King Sataba Dalindyebo and Ingquza hill local municipalities got their water from the natural sources. 77% of the sample population complained that there have been no improvements in water provision because they still get water from natural sources and even the remaining 33% that were getting water from the taps still have to depend on natural sources because the taps are most of the time broken and it takes a long time to fix them.

Keywords : availability, water, sources, supply

Conference Title : ICW 2015 : International Conference on Water

Conference Location : Montreal, Canada

Conference Dates : May 16-17, 2016