ABSTRACT

To present water refill is one of the alternative to fill up the community needs of drinking water. The existence of water depot refill increase in line with the community needs of good quality and safe drinking water for their consume. The prices of drinking water which can get at depots are Rp.3500, and the price of drinking water in package (branded) about Rp.10.000. Although the price mostly cheap, but not all off the DAMMIU has security guaranteed for their products, and there for supervising and monitoring the quality absolutely needed to keep the drinking water always safe and healthy to consume. To ensure the drinking water that consumed by the community are safe, the quality off the water has to qualify based on Kepmenkes RI. No 907/Menkes/SK/VII/2002 about Terms and Water Quality Control.

The purposes of this research are to studying the sanitation quality, bacteriological and with descriptive observation, and according to the time of this research is cross sectional research. The research samples are taken to obtain information about chemical and bacteriological quality of the raw materials and refill drinking water according with the available terms of drinking water.

The research result shows there are still water refill depot that has raw material and water drinking product does not qualify the requirements. Which are the total Coliform and the E.coli exceed the maximum limit allowed.

From three drinking depot refill, there is one depot unqualified. The assessment of the research results by using the research form according The Implementation Guidelines Hygiene Sanitation Water Supply Depot published by MOH in 2006.

It is recommended to the production process, from raw materials to be the water that are ready to consume. The previous treated for raw materials by using precipitation method, cleaning and then desterilizes. That treatment which conducted is according the standard and the water is ready to drink then. Until then the people who consume the drinking water refill avoid from diseases which caused by water (water born disease)

Keywords : bacteriological quality, chemical quality, water refill
ABSTRAK

Untuk memenuhi kebutuhan akan air minum masyarakat, salah satu alternatifnya adalah pemakaian air minum isi ulang. Dengan meningkatnya harga dari AMDK dan telah banyak dijumpai depot air minum isi ulang (AMIU) yang harganya jauh lebih murah dibandingkan dengan AMDK maka masyarakat menengah kebawah banyak beralih mengkonsumsi AMIU tersebut. Kualitas AMIU masih dipertanyakan karena belum ada pengawasan rutin dari pihak berwenang.

Pada tahun 2008 Dinas Kesehatan Kabupaten Dompu telah melakukan pemeriksaan pada depot-depot air minum isi ulang dan hasilnya masih terdapat depot yang belum memenuhi syarat kualitas air minum khususnya di kecamatan Dompu yaitu dari 3 (tiga) depot yang ada terdapat 1 (satu) depot yang tidak memenuhi syarat bakteriologis, untuk persyaratan kimia belum diadakan pemeriksaan. Dari permasalahan yang ada maka perlu adanya penelitian yang lanjut mengenai kualitas bakteriologis dan parameter kimia air minum isi ulang di Kecamatan Dompu Kabupaten Dompu.

Tujuan penelitian ini adalah mempelajari kualitas sanitasi depot AMIU serta bakteriologis dan kimia air minum isi ulang di Kecamatan Dompu.