

ABSTRACT

The Ministry Of Health Of Indonesia
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PHYSICAL, CHEMICAL, MICROBIOLOGICAL QUALITY TEST OF
REFIL DRINKING WATER DEPOTS IN THE WORKING AREA
CLINICS BALEREJO KABUPATEN MADIUN YEAR 2020

x + 63 page +6 table + 4 pictures + 11 attachments.

Water is the most important substances in everyday life. Water as a human needs in daily life should be safe for consumption. Safe drinking water is consumed is water which meets all the requirements as seen from the quality of the physical, chemical, microbiological or radioactive. To meet the daily needs by buying the ready to drink water Depot drinking water refill. But not all depo refill drinking water meets the requirements in accordance with standard quality raw.

This research aims to know the quality of drinking water refill in clinics balerejo through physical, chemical and quality be bacteriologically. Type of this research is descriptive research. Research done in the laboratory Poltekkes Kemenkes Surabaya Prodi Magetan environmental health. Population numbers throughout the depot drinking water refill in clinics balerejo totaled 7 depo. The number of samples as many as 7 depo. The instruments used are examination laboratory inspection form smell, colour, taste, temperature, turbidity, iron (Fe), pH and MPN Coliform.

The results showed that the quality of drinking water recharge physically that is odorless, colorless, no taste, no turbid, chemical and air temperature appropriate i.e. contains no iron and pH qualified drinking water so that it is feasible to consumed and the quality of drinking water refills are be bacteriologically qualified drinking water and 10% not qualified drinking water because the quality of the water contain bacteria Coliform MPN.

The conclusions of this study is an examination of the quality of drinking water recharge of the physical examination are eligible, qualified and chemical be bacteriologically qualified, so the refill drinking water worth to be consumed and eligible as drinking water.

Reading list : 5 books (2003-2018)

Classification :-

Keywords : DAM, Turbidity, pH, Iron, Coliform MPN