J. Hum. Ecol., 16(2): 125-128 (2004)
PRINT: ISSN 0970-9274 ONLINE: 2456-6608
DOI: 10.31901/24566608.2004/16.02.07

Keeping Quality of Drinking Water

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KEYWORDS Disinfectant. MPN. *E.coli*. Contamination

ABSTRACT The present study was undertaken to assess the disinfecting quality of various material for the purpose of evaluating the keeping quality of drinking water. The drinking water was stored in the container of copper, brass, earthenware, stainless steel and plastic and was contami-nated with sewage diluted to 10^4 times. Water sample were withdrawn from all these vessels to determine the bacterial population (MPN) of coli form organisms. Copper was the best material as the rate of decay of microorganism was highest in it followed by brass, earthenware, and stainless steel. Plastic had nastiest disinfecting quality so it is not good for water storage.

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