



ABSTRACT

Water is one of the most common and most important substances on the earth's surface. It has been recognized to be a potential carrier of disease. This study was conducted to determine the presence of coliforms from artesian deep well water in five barangays of Balayan, Batangas (Barangay 3, Barangay4, BarangayBagong Daan, BarangayTanggoy, and BarangayMalalay) using Multiple Tube Fermentation Technique and Most Probable Number method. The water were used as drinking water. The collection of deep well water samples from five (5) barangays in Balayan, Batangas was done on February 2017, and were analysed for the presence of coliform. The result showed that Barangay Tanggoy andBarangay Malalay are positive for the presence of the coliform. While the other barangays do not exhibit coliform contaminants in water.

Key words: Artesian Deep Well Water, Coliforms, Multiple Tube Fermentation Technique, Most Probable Number (MPN) method