

Manufacture of Adsorption System Based Drinking Water Treatment Plants

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ABSTRACT

Abstract

The PPM activity aims to increase the knowledge and skills of making adsorption-based drinking water treatment plants, to know the quality of well water after going through the adsorption-based processing process, to provide a new pilot in the form of cooperative cooperatives for the production of refillable drinking water ready for drinking in Winong, RT .01 RW.VIII, Krakitan, Bayat, Klaten.

The PPM activities were carried out with lectures on clean and healthy living behavior (PHBS), provision of clean water, manufacturing of drinking water installations, and pioneering the establishment of cooperatives, as well as the practice of making drinking water installations based on adsorption systems. Evaluation of participant's understanding was carried out by assessing the ability to discuss training material before and after the presentation of material. This activity was attended by 27 people who were residents of RT.01 RW.VIII, Krakitan, Bayat, Klaten.

The results of the PPM activity showed that there was an increase in the understanding of the material of the PPM participants which could be seen from the results of the ability assessment to discuss the training material before and after giving the material. There is an increase in the quality of drinking water after it has been processed with the installation installed. The use of PPM was assessed by the participants with the customer satisfaction instrument from LPPM UNY indicating that the PPM was very beneficial for the participants.

Kata Kunci: *installation, processing, drinking water, adsorption.*