

# **The Training of Biosand Filter Making To Handle Problem of Hardness (Calcium ion Content) In Drinking Water For The People in Giritontro, Wonogiri**

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## **ABSTRACT**

In accordance with the Regulation of the Minister of Health No. 492/Menkes/Per/IV/ 2010 on Requirements of Drinking Water Quality, hardness in drinking water cannot be more than the value of the quality standard of 500 mg / l. The high content of Calcium ion in water of Wonogiri area that can cause health problems raises public awareness for processing drinking water. Therefore we did a community service program in the area Giritontro, Wonogiri aimed to handle the problem of hardness in drinking water by using Biosand Filter. The result shows that Biosand Filter technology can reduce the level of hardness of up to 78%.

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Kata Kunci: *Biosand Filter, Hardness in water*