

## **ABSTRACT**

*Rainwater is generally turbid and Mossy-colored. Thus, rainwater should be given preferential treatment in advance in order to be more clear. On the research of rainwater be cleared up using material type zeolite clinoptilolite sorben IE. There are two sizes of the zeolite is used, i.e. the normal sized zeolite (2 mm) and zeolite powder-sized (0.125 mm). Zeolite used washed before use. Zeolite activation in advance using the oven with a temperature of 250 ° c with some variation of the time. Activation for 3 hours is the most optimal activation in time reduces the clarity of the rain water. Research is also done soaking time variation. On a normal sized zeolite for 6 hours soaking time is the most effective time to reduce clarity in rain reduction efficiency value of 88.235%. As for the zeolite powder, new at the time of soaking for 10 hours of zeolite able to reduce clarity in rain water by the value of the efficiency of 24.324%.*

Key words: Zeolite, Material sorben, rain water, adsorption