

EFFECT OF RAIN LAVA OF MERAPI VOLCANO POST ERUPTION  
IN 2010 FOR FISH FARMING VILLAGE NGRAJEK,  
RIVER FLOW REGION DISTRICT PABELAN  
MUNGKID, MAGELANG DISTRICT, CENTRAL JAVA

Abstract

Indonesia has a lot of volcanic and among a lot that are still active. One of them is the most active Merapi Volcano, and in 2010 issued a deposition of 140 million m<sup>3</sup>. Deposition of the Merapi Volcano when triggered by high would result in impacts that are dangerous to the environment component. This study aims to determine Pabelan River and Capacity determine how much influence the fish farming lava rain around the area in the village of River flow Pabelan Ngrajek.

The method used in this study consisted of direct measurements in the field or survey, dan metode sampling is systematic sampling method for sampling a cross section of the river, and analysis for the effect of rain on the lava Fish farming is analyzed using a questionnaire and interviews directly then analyzed using the parameters and SWOT method.

Volume Pabelan River is 741,216.465 m<sup>3</sup>. Influence or damage caused by rain lava is very large. The influence of rain lava divided into three (3) levels: High, medium, low, and also the effect that occurs on the automatic Aquaculture is a very large negative effect on the growing, large, and development of fish breeding.

Keywords: Mount Merapi, Capacity, lava rain, river Pabelan, fish farming.