ABSTRACT

Pacitan is a developing mountainous town that lies at a coastal area. In accordance with its improvement in economic and development, Pacitan needs sufficient infrastructures, one of which is city drainage. However, economic activities concentrated in urban areas become a magnet that appeals people to come and stay at urban areas. This surely increases the density of buildings and reduces the amount of empty fields that act as drainages. In addition, city building that is not in line with RTRW contributes to city’s negative development.

Referring to that situation, it is advised to apply engineering planning towards the main drainage network system by comparing and analyzing the result of technical calculation and the existing. This comparison and analysis activities use evaluation and planning method to the RTRW/K function and recognizes governmental roles in managing the city drainage.

The evaluation results in some conclusions as follows: the inability of some drainages to contain water debit and malfunction of RTRW/K.

Key words: city drainage, inundate, capacity