Abstract

Normalization Rungkut Medokan drainage is intended to address the frequent flooding that hit parts of Rungkut Medokan. In the rainy season Rungkut region Medokan common pool of rainwater that reaches a height of ± 30 cm, thus making the disrupted community activities.

In this planning will be done on a channel normalization is problematic. The normalization will be done in accordance with the calculation of rainfall analysis plan that uses the Distribution Method Person Person Type III and Type III log. Then the method was tested using the method of Chi Square and Kolmogorov-Smirnov test.

From the calculations it can be concluded that no secondary channel can accommodate all discharge plans, need to be normalized to the channel capacity is not in accordance with the plan. The channel of Rungkut Asri is normalizationing with a width of 7 m and height 1,5 m. The channel of Rungkut Asri Timur is normalizationin with a width of 2,3 m and height 2,3 m.
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