

OPTIMIZATION DIAMETER OF PIPE AT FRESH WATER NETWORK SYSTEM

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ABSTRACT

This paper studied optimization diameter of pipe. Diameter of pipe was due to fresh water network system. Location of study was at Turen District, Malang Regency, and Indonesia. The methodology consisted of optimization using genetic algorithm so that was got average rest of pressure. Results could be used as consideration to optimize service of fresh water use.

Keywords: optimization, diameter of pipe, rest of pressure