

Optimasi Pola Pengumpulan dan Pengangkutan Sampah Kota Muara Teweh Melalui Pendekatan Zonasi

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ABSTRACT

Physical development of Muara Teweh City accompanied by growing population and increasing solid waste generation strives the good management and treatment system of waste problem. Management and treatment of waste expected to overcome the problems resulting from the existing solid waste generation. One way to overcome this problem was through the selection pattern of waste collection and transportation that meet the criteria and aspects in the management of waste. Pattern of waste collection in Muara Teweh City which applied at this time comprised of; direct individual pattern, indirect individual pattern and direct communal pattern which can only serves a specific region only. Transportation which used in waste transportation were direct transportation pattern and a pattern by elevated container system. This transportation pattern spent the time to go around the city and the road to take and return to containing location. Thus, the pattern of waste collecting and transporting is still not optimally. According to standard, to a small town such as Muara Teweh pattern selected should be the waste collecting and transporting in accordance with the physical condition of the city and aspects of waste management.

Keywords: Collecting pattern, transporting pattern, zoning, overlay, suitability, and optimization