COMMUNAL WASTEWATER SERVICES PLANNING BASED ON COMMUNITY (STUDY CASE : PUTAT VILLAGE TANGGULANGIN DISTRICT OF SIDOARJO)

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ABSTRACT

Sidoarjo city is one of the district that have expanded sanitation facilities, especially in areas that have a habit of BABS (defecation). Step one is the government through community empowerment, where the community plays an important role in the program or commonly referred to STBM (Community Based Total Sanitation). STBM in Sidoarjo piping system is planned to be built on the site where a communal or wastewater flowed out of the house in the pipe and into the WWTP. District Tanggulangin, Putat selected village, the village where there are those who do not have a latrine and behave BABS.

Communal existing WWTP Putat Village, built with technology Anaerobic Baffled Reactor (ABR) with dimensions of 9m x 3m x 1,5m made of reinforced concrete. Sewerage systems using PVC pipe type with lateral pipe diameter of 150 mm and 100 mm service line.

Communal development in Putat WWTP is expected to be a model of other village, especially in the district of Sidoarjo are still minimal sanitation facilities such as communal WWTP. The development process will WWTP is the responsibility of the government and villagers beneficiaries. For the operational and maintenance is left entirely to the citizens and assisted by facilitators from government, because STB, program requires full intervention community.

Key words : WWTP based communal society, STBM, District Tanggulangin, Putat Village
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