

## ASSESSMENT OF COMMUNITY PARTICIPATION IN DOMESTIC WASTE MANAGEMENT IN MBAGALA WARD, TEMEKE MUNICIPALITY

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### ABSTRACT

This study aimed to establish community participation in domestic waste management in Mbagala ward in Temeke municipality. The specific objectives were to identify the types of wastes generated at household level, to analyze the quantity of domestic produced at household level in Mbagala ward as well as to assess the capacity of disposing the domestic wastes produced at household level in the study area. Data were collected from household members, government officials and private service providers where a sample size of 48 respondents were taken for primary data collection through interview and questionnaires meanwhile secondary data were collected through documentary review. Primary data were analyzed both qualitatively and quantitatively. Results indicated that 70% of sampled population generated a biodegradable waste that includes food, fruits and leftovers. Generally it was found that majority of sampled population were aware, willing, ready and preferred to engage in domestic waste management as response in attitudinal statement revealed either strongly agreed or agreed. Analyses on the quantity of waste generated at household level per week to sampled population were 2933kgs. However, the capacity of the private waste management service providers was generally moderate due to one of the three service provider Kimuchi group scored 84% capacity performance index indicating performance level; Kisonge group scored 66% that is moderate performance and Orphan and widow group had 47% scores indicating low capacity of disposing domestic waste in Mbagala ward. The study recommended that, sustainable domestic waste management require an active participation of all stakeholders ranging from household members, service providers, public health officers, municipal leaders as well as politicians, in so doing would ensure better environmental health to entire Mbagala ward in Temeke municipality.

**Keywords:** Community participation, waste management, household level.