

Thesis Title Solid Waste Management Behavior of
Population in The Middle Zone of Bangkok
Metropolis

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ABSTRACT

The objectives of this research are : (1) To study the behavior on solid waste management of population living in the middle zone of Bangkok Metropolis and : (2) To study the relationship between the variables of education, income, types of accommodation, occupation, knowledge about solid waste, perception on situation of solid waste problem and behavior on solid waste management. This survey research used the well constructed and developed questionnaire with the reliability of 0.78 to interview a sample of 200 households which were chosen by Two-Stage Sampling Technique. The data were analysed by using percentage, arithmetic mean, t-test and one-way analysis of variance.

The result showed that 44.0 % of studied samples have favourable practices in solid waste management, 39.5 % litter by segregation of wet and dry solid waste. And the practices of solid waste management revealed that population with high level of education and income, being in government service, living in a single house, having high perception on situation of solid waste problem tend to have better behavior on solid waste management than other groups with the level of statistical significant at 0.001, 0.001, 0.05, 0.01 and 0.01 respectively. The difference in knowledge about solid waste cause no statistical different in the solid waste management behavior. Considering only behavior on solid waste littering, population with high level of education has a better behavior on solid waste littering than those of lower level of education with statistical significant at the level of 0.05. The difference in income, occupation, types of accommodation, knowledge about solid waste and perception on situation of solid waste problem have no significant difference in behavior on solid waste littering.