

Factors Affecting the Effectiveness of Solid Waste Management in the Kalmunai Municipality

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Abstract

Waste is a serious problem in developing countries where generation of wastes is higher than the developed countries because of inefficiency in manufacturing, no adequate policies, poverty, lack of appropriate technologies, bad decision making practices, lack of transparency, lack of stakeholder involvement etc. The purpose of this study was to identify the factors affecting the effectiveness of Solid Waste Management in Kalmunai Municipality and to examine the relationship and impact of each factor on the effectiveness of Solid Waste Management. For this study total population was used as the sample and the sample size is 100. The researcher used questionnaire and informal chats for collecting data and totally 100 questionnaires were distributed to collect the data and quantitative data analysis techniques such as univariate, bivariate and multivariate analysis were used to analyse the collected data. It was found out that the Political, Institutional and Good governance and civil society factors are recorded with relatively high mean values and are having high relationship with the effectiveness of solid waste system. All together the researcher can conclude that the factors affecting the solid waste management is in moderate level and further it reveals the conclusion as there is a positive relationship between the factors and effectiveness of solid waste management.

Keywords: Solid Waste Management, Effectiveness, Good Governance