## CENTRE OF STUDIES BUILDING SURVEYING FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING UNIVERSITI TEKNOLOGI MARA

# WASTE MANAGEMENT IN MAINTENANCE WORKS

NETTLYNE AK POL (2009905405)

**Bachelor of Building Surveying (Hons)** 

2012

#### ABSTRACT

Maintenance works was one of the important works in maintaining the functionality of a property. In building maintenance, major waste produce are bricks, concrete, timber, building finishes, scrap metal and glass. Various type of building maintenance works that can produce wastes. Building maintenance activity include hacked, dismantle, repairing, installing new materials, reconstruct and extension of building. This waste also would be the major of waste issues from the maintenance works. The issues of maintenance waste can be various factor can cause large amount of waste that have been contribute by the maintenance works.

Waste minimization is very important in order to reduce construction wastes that usually dump into dumping site. Implementation of proper waste management is very important to minimize waste in maintenance works.

The scope of the study is covers the person responsible in construction waste from building maintenance works. The area of the study is limited to residential building that under Local Authority of Subang Jaya to study the waste management in maintenance works. The study was carried out by interviewing, questionnaire has been distributed and observing on the selected site. From the study, the construction waste was managed by the appointed contractor by the Alam Flora Sdn Bhd.

#### ACKNOWLEDGEMENT

First of all, I would like to thank God that gives me strength, patience until I finish my dissertation on time and successfully. I also would like to express my gratitude and appreciation to my supervisor, Sr. Ghazali bin Mohd Amin who never gives up guided and helped me throughout my research. Thanks to him also for giving advice and motivation to me through a year of completing my research.

Apart from that, I would like to thank to my beloved parent who never stop supporting me and put me in their prayer. Their blessing and support have made me able to finish my research patiently. Besides that, a sincerely thankful to my friends that have helped, assist and support me throughout my research

I would like to thanks to all the parties that have involved in my research. I feel very grateful to them for helped me a lot during the research. Especially thanks to the entire contractor that participate in my research and officer that willing sacrifice their time for my research.

Last but not least, I would like to thank all the lectures Centre of Studies Building Surveying for giving me fully co-operation and helped me to ensure the completion of my research.

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#### CHAPTER 1 INTRODUCTION

#### **1.1 INTRODUCTION**

In the busiest in upgrading the status living in the society, waste problem also in tandem with progress. Based on Oxford Advanced Learner's Dictionary, waste mean *materials that are no longer needed and are thrown away: household/industrial waste (the process of getting rid of waste)*. Waste also known as rubbish, trash, garbage, and junk where it also can be categorize into few type such as solid waste and liquid waste. There are few waste type that produced on this Earth such as municipal waste which includes household waste, demolition waste and commercial waste; hazardous waste which includes industrial waste; bio-medical waste includes clinical waste and hospital waste.

According to Sakini Mohd Said in Bernama.com (Said, 2011), our country have produced 27,000 tons of solid waste in a day. Based on the news, solid waste is the majority produced and highly problem that occurs. Solid waste is the production that produced by the activity of the society either domestic or commercial sector. Solid waste can be classified into two which is decomposable wastes from food, animal dead and non-decomposable waste such as metal, wood, concrete and glass.