

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

**A STUDY ON CONSTRUCTION WASTE AND DEBRIS
MANAGEMENT IN MAJLIS PERBANDARAN SUBANG JAYA
(MPSJ)**

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**Academic Project submitted in partial fulfilment of the requirements
for the degree of
Bachelor of Building Surveying (Hons)
Centre of Studies for Building Surveying
Faculty of Architecture, Planning & Surveying**

December 2014

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**“I hereby declare that this academic project is the result of my own
research except for the quotation and summary which have been
acknowledged”**

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Date : January 22nd, 2015

ACKNOWLEDGEMENTS

First of all, I would like to express my gratitude to my supervisor, En. Yazid bin Sarkom for his invaluable advice, guidance and his highly patience during the development of the research.

Other than that, I would like to sincerely thank and appreciation local council, Majlis Perbandaran Subang Jaya (MPSJ) and four (4) construction company involved to give knowledge, guidance and detail information for this research and give fully cooperated to answered questionnaire survey and supporting me professional and opinions for the research.

I am thankful to all the parties who had contributed to the successful completion of this project. Last but not least, I would also express my gratitude to Allah S.W.T, my beloved family and friends who had helped and given me encouragement in preparing and completing this project report.

ABSTRACT

Malaysia construction industry nowadays generates a large quantity of construction waste on new development project, demolition and renovation works. Construction debris and waste can be defined as a mixture of surplus materials arising from any excavation, civil or building construction, site clearance demolition activities, road works, and building works. The disposal of construction and debris waste at landfills has caused major environmental concerns and government sources indicate that there is an acute shortage of landfill space in Malaysia. The aims of this study are to give background management and implementation of construction and debris waste problems in Malaysia and propose a practical guidance to building professional on how to manage and minimise construction waste and debris on MPSJ and contractor perspective in current trend of construction industry. Construction site waste management is not the major issues in construction site nowadays. But, with the new development of town and country, it probably will increase time to time and it is also effect directly into environmental issues. Further developments are recommended to develop a scientific methodology to do inadequate and advance planning on construction and debris waste. Furthermore, more practical support is required to enforce the implementation of construction & debris waste management scheme and plan in the construction and building field. It is also recommended to extend further research on to developing programmes on long term step in order to create and increasing level of awareness to construction waste and debris management Malaysia construction industry

CHAPTER 1

INTRODUCTION

1.1 BACKGROUND STUDY

Current problems of environmental issue is in well known globally, waste generated from many sources which needs to be concerned by professional bodies such as, government, local authority, contractors must be more aware of waste issues. Among those sources of domestic, municipal factory waste, Malaysia construction industry contributes and generate a major waste category under solid waste in this country. Construction waste can be exist at every construction phase activities, but most of those involved in the operation some parties are not concerned about proper managing construction waste. Waste level of the pre-stage of construction activities can be low because there is less work started on this stage and the most significant waste level can be observed during the construction stage, especially on sites where full developed and all resources have been used. New planning and program on conducting advancing construction waste control are being applied in many countries nowadays.

Statement in the above shows, that the local authority plays important role in order to manage or overcome this issue, especially authorities have special privileges and do enforcement in order decreasing illegal construction waste and debris dumping with guideline, procedure and plan followed regulation and act that already existed in Malaysia law. Following statement showing several cases involved illegal of construction waste dumping in peninsular Malaysia which is located at Bandar Hilir, Melaka and Petaling Jaya, Selangor.