

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

SITE WASTE MANAGEMENT PLAN IN CONSTRUCTION INDUSTRY

**MUHAMMAD SYAFIQ BIN MOKHTAR
(2012823748)**

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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”

Student's Name : Muhammad Syafiq bin Mokhtar

Signature :

UITM No. : 2012823748

Date : July 10th, 2015

ABSTRACT

Waste disposal problem at the construction site to the impact on developing countries. Disposal of this waste not only affect the view at the construction site, but affect the health of workers .The strategic waste management must be implemented to ensure that developers and contractors can manage solid waste on construction sites in a systematic way, while giving an advantage to the environment. Thus, this dissertation true intention is to know about the regulation and implementation of waste management plan. This dissertation also to identify the factor that contributes to the waste management in construction industry and to determine the best method of waste management that applied on that waste management plan. Taking place in Malaysia, the area of case study of this dissertation is in flat area in Negeri Sembilan..

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1.1 Introduction

Based on Skoyles ER. Skoyles JR. (1987), waste consists of unwanted material or thing that produced directly or incidentally by the industries or construction includes building materials such stone, nails, and electrical wiring, , as well as waste originating from site preparation such as dredging materials, tree stumps, and rubble. Construction waste have lead, asbestos, or other hazardous substances. Building waste is made up of materials and thing such like bricks, concrete and wood damaged or materials that are not use for various purpose .

Based on Solid Waste Management On Tribal Land (2014), a site waste management plan (also known as an *Integrated Waste Management Plan*) is a document that show the ways how the waste materials will dispose ,reduce and manage . A site waste management plan will assist and guide and control the implementation and development of a solid waste management program by setting the criteria for decision-making.

A site waste management plan is simply a plan that the amounts and the types of wastes that will be produced on the site. Site waste management also show how waste materials will be reused, recycled or disposed. Site waste management provide a good opportunity to streamline site activities and realise a number of business benefit including income and cost saving through reduced requirement for handling and materials storage, and better management for recovery or disposal.

According to MSK & Lesterose 2013 the aim of the site waste management is to improve the resource efficiency of the construction industry . They will achieve this in two ways that is firstly, by create on the savings in material and disposal costs already secured and promote the opportunities of of minimising them sources of waste, i.e. through resource efficient design and construction methods. Secondly by requiring those responsible for projects to forecast how much of each type of waste they will produce and to record how much will be reused or recycled.