CHAPTER 1

INTRODUCTION

1.1 Introduction

All countries in the world are expanding rapidly. Cause of the world growth, the construction sectors also impressed. The construction sectors are growing rapidly and have generated waste of the construction sector. In Malaysia, the construction sectors play a significant role both in the economic sectors and infrastructure development. Due to ‘Malaysia Plan 2020’, the numbers of construction sectors have increased dramatically.

In Malaysia, the construction sectors become one major impact to the environmental issues. Malaysian greater concern is the increasing amount of waste of construction and demolition. The construction sectors registered a strong growth of 5.8% in 2009, and subsequently 8.7% for the first quarter of 2010 as against the overall GDP growth of 10.1% during the first quarter of the year (Mansor, 2010). In Malaysia, disposal of solid waste onto lands or landfill is still the most common method. (Nagapan et al., 2012).
A serious approach must be made to reduce environmental pollution issues. Therefore, any remaining construction waste at construction sites should give very serious approach to control the pollution. A good disposal is a responsibility that must be shouldered in order to protect the earth, also to profit development and a sustainable future.

1.2 Problem Statement

Construction wastes have a significant effect on the environment. There are various methods of execution request mega projects in Malaysia, along with many commercial buildings and housing development program, a large number of construction wastes generated by the construction sector.

Growth in construction activities in Gambang area generates construction waste has become a serious environmental problem with fatal consequences. Most of the construction and demolition waste in Gambang construction sites are not recycled but end up in landfills. Accordingly, a study on the construction waste generated was conducted to investigate the current practice of construction waste management system in Gambang.

1.3 Objective

For this study, two (2) objectives have been list out accordance to the problem statement that has been identified.

1.3.1 To characterize and quantify of construction waste generated in Gambang construction area.
1.3.2 To make a recommendation to reduce the waste for sustainable management.

1.4 Scope of Study

My scope of study covered here is; the construction site area in Gambang, Kuantan, Pahang. Gambang is a town in Kuantan District, Pahang, Malaysia. It is located at a junction between Federal route 2, MEC Highway (Federal route 222) and Tun Razak Highway (Federal route 12). Nowadays, Gambang grows rapidly with many building constructions. This study focuses on the construction waste management at construction site. Through site visit, I overcome this study.

1.5 Significant of Study

This study done due to many reasons, the first reason and it is the importance one which is considered as major environmental problems as construction sector waste grows. That gives impact to the environmental so we can reduce that by construction management on construction site.

Also in this research is looking how to reduce the construction burden to the landfill and give more life to the landfill. Other reason of this study is how to prevent construction waste by which way and which method to minimized construction waste.