



Faculty of Administrative Science & Policy Studies
Bachelor of Administrative Science (Hons)
Universiti Teknologi MARA

A study of solid waste management
in Kota Samarahan, Sarawak

Courtney Cherurai Ak Nuwek

2016421982

Lovira Anak Syahrani

2016437086

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Lovira Anak Syahrani

Courtney Cherurai Anak Nuwek

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CHAPTER ONE

INTRODUCTION

1.1 Introduction

In this chapter, it will touch and focused on the background of study which is solid waste management in Kota Samarahan. Plus, the section are includes for this chapter which is begin with the research background, followed by the problem statement or research problem, scope of the study , significant of the study and lastly the definition of the terms and concepts that will be applied in this study.

1.2 Background study

Back to previous year ago, population keep growth drastically and it was lead to the serious issues of environment including matter that raising in term of disposal of solid waste at landfills. Mainly area is for sure the urban area in our country, Malaysia whereby the communities will producing at least 15,000 tons of wastes per day compare to previous year which are 12,467.6 tons per day (Seow, 2013).

Therefore, anything that no more value or important or being use in the term of consumer s or household, it is considered as a wastages. Due to that, rapid development of economic and urbanization in Sarawak based on few decades before, it has intention that will lead to rapid generation of solid waste.

According to the report that being published in year of 1999 by the Natural Resources and Environmental Board (NREB), it stated that around 400,000 metric tons of wastes are disposed at the various grounds and landfill, plus it also estimating that every single person will generate their wastes with total average of 0.67 kg per day.

1.3 Problem statements

Was predicted that in future years soon, Malaysia will facing crucial situation in managing the solid waste because of increasing development in urbanization and large number of population (Reme, 2003). The impact due to high number of population in the worlds, it will result to the huge quantity of solid waste that being

CHAPTER TWO

LITERATURE REVIEW AND CONCEPTUAL FRAMEWORK

2.1 Introduction

This chapter will provide a review of the literature on the determinants of behavioural intention of solid waste management among households. The presentations of this chapter will be begin with the term of waste, waste management, collection routes, number of container provided , ways to separate of solid waste by household , issues that related to solid waste management and the conceptual framework.

2.2. Waste

DEFRA (2014), wastes is term that applies to the resources that should discarded by processor or known as consumer .For instance the commerce, industrial, government or citizens because that kind of waste of thing apparently no more become permanent use for the processor. Then, according to DEAT (1999), the common term that we as the consumer familiar and know about solid waste is, it referring to on more describing a garbage, refuse and trash. We as human automatically will think solid waste is related or same with rubbish. But for Mc.Dougall,White, Franke & Hindle (2001), they saying that waste can be classified into various term and concept. Therefore, the classifications are divided by classified it through an original use as it in the packaging , plastics or material, paper, glass, and other good as all of it will be recycle, reuse and reduce and their origin either domestic or industrial zone (Sathiskumar, 2009; Seow & Abas, 2014).

2.3 Waste management

Then, according to Ptchel (2005), he has come out the stages of managing the waste into four (4) stages ,which are waste of generation, following by on site of storage, then transportation and lastly by processing the wastages. Therefore, the pollution like air, water and land can exists due to inappropriate or lack of knowledge about on how to manage the waste with proper way (Hashim, Abdul, Mohamed & Haneesa, 2011; Mohamed, Yee & Abd.Rahim, 2015).But for the other side, solid waste known as the management that handled by the embrace of administrator , its legal organization, proper planning, stable of financing and strong of engineering roles because they