

**FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING
DEPARTMENT OF BUILDING SURVEYING**

PRIVATISATION OF SOLID WASTE DISPOSAL IN MALACCA

This dissertation was undertaken and completed as a requirement to obtain
the Bachelor Of Building Surveying (Hons) from the Mara University Of
Technology, Shah Alam

Prepared By : Munirah Binti Abdul Rahim
Session : Final Year (2005/2006).

ABSTRACT

Population growth, rising standards of living, and industrialisation all have contributed to increased solid waste generation in both industrialised and developing countries. Solid wastes pose significant threats to public health and the environment if they are not stored, collected, and disposed of properly. The most serious effects of improper solid waste management include air pollution, contamination of water supplies, and the spread of human disease.

Solid Waste Management may be defined as that discipline associated with the control of generation, storage, collection, transfer and transport, processing and finally disposing of Solid Waste. It is also in a manner that is in accord with the best principles of public health, economics, engineering, conservation, aesthetics and environmental considerations. In this scope Solid Waste Management includes all administrative, manpower and staff, transportation and equipments, service areas and etc.

There are many factors affecting the Solid waste Management improvement. Manpower problem is one of the factors and also the problems is that the usage of old transports and equipments are contribute to the lack of Solid Waste Management in Malacca.

Conscious about these problems, so the Government and Local Authority In Malacca implemented the Privatisation Of Solid Waste Disposal and hand over this management to Southern Waste Management.

This dissertation was carried out to identify the Privatisation of Solid Waste Disposal In Malacca. As the process is technically different, the aim of using these systems is same as to control the increasing of amount of solid wastes.

ACKNOWLEDGEMENT

In the name of ALLAH, the Beneficent, the Merciful

I hereby wish to extend my sincere thanks to those who generously contributed their time, knowledge and expertise in ensuring the completion of this dissertation.

All party involves with the interview and the information such as the very kind Staff Of Southern Waste Management Sdn. Bhd Malacca, Local Authority in Daerah Melaka Tengah, Daerah Alor Gajah, And Daerah Jasin.

My gratitude also goes to my Supervisor, Prof. Madya Mohd Fisol Zain, lecture from Department Of Quantity Surveying, Mara University Of Technology, Shah Alam for all the guidance, patient, perseverance and understanding.

I also would like to express my appreciation and very special thank you goes to My lovely Husband, Mohd Isma Fadzil Bin Ismail, My Mom and My Dad, Hajah Mariam B Nagoor Ghany and Haji Abdul Rahim B.S.Mohamed Kassim also Muhammad Aqil Haikal, My Son and all My Family and friends who never fail to give their support , caring and understanding. I hope all of the information will give us some precious knowledge.

LIST OF CONTENT

Abstract	i
Acknowledgement	ii
List Of Content	iii
List Of Figure	vi
List Of Table	vii
List Of Photo	viii

CHAPTER 1 INTRODUCTION

1.1	Introduction	1
1.2	Research Objective	2
1.3	Scope And Limitation Study	3
1.4	Research Methodology	3
1.5	Research Organisation	4

CHAPTER 2 BACKGROUND OF SOLID WASTE DISPOSAL IN MALACCA

2.1	General Of Solid Waste In Malaysia	5
2.2	Laws On Solid Waste	7
	2.2.2 Legislation Of Solid Waste	7
	2.2.3 Legal Definition Of Solid Waste	22
2.3	Classification Of Solid Waste	25
2.4	Source Of Solid Waste	27
2.5	Amount Of Waste Generated Per Day	29
2.6	Background Management Before Privatised	29
	2.6.1 Introduction	29
	2.6.2 Local Authority	31
	2.6.3 Definition Local Authority	32
	2.6.4 Objective Local Authority	33

2.6.5	Function Local Authority	33
2.6.6	Strategy Local Authority	34
2.6.7	Function Of Section	34
2.7	Background Management After Privatised	36

CHAPTER 3 THE PRIVATISATION OF SOLID WASTE IN MALACCA

3.1	Introduction	38
3.2	Definition Privatisation	40
3.3	Pressure Influencing Privatisation	41
3.3.1	Pragmatic	42
3.3.2	Ideology	42
3.3.3	Commercial	44
3.3.4	Community	45
3.4	Concept Privatisation	46
3.4.1	Objective Privatisation	47
3.5	Mode Of Privatisation	49
3.6	Importance Of Privatisation	51
3.7	Main Reason Solid Waste Has been Privatisation	54
3.8	Benefit Privatisation Solid Waste In Malacca	56
3.9	Summary	59

CHAPTER 4 THE PROCESS OF SOLID WASTE IN MALACCA

4.1	Introduction	60
4.2	The Contract,s Unit	65
4.3	Solid Waste Management's Unit	66
4.3.1	Waste Collection	67
4.3.2	Landfill	69
4.4	Solid Waste Disposal Site Location	95