

**HIGHER TECHNICAL INSTITUTE  
CIVIL ENGINEERING COURSE**

**DIPLOMA PROJECT**

**SOLID WASTE MANAGEMENT**

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## PREFACE

Solid waste arising from man's domestic, social and industrial activities is activities in increasing in quantity and variety as a result of increasing population, rising standards of living and development in technology. In many countries, the proper management of solid waste has been neglected because of failure to appreciate the potential environmental hazards resulting from inadequate management or because of lack of technical and financial resources.

However, the authorities and the public are constantly becoming more aware that present methods of storage, collection and disposal of solid waste are often grossly inadequate for today's needs. Much of the awareness has been brought about by activities related to the control of water and air pollution, where methods for the disposal of solid waste can be important factors. Solid waste can also contribute to land pollution by creating unsightly conditions; the uncontrolled dumping of polluting waste is another contributory factor. However, the effects of disposal practice on land cannot be considered in isolation and must be examined in relation to the overall objective of controlling pollution of water, air and land.

While new techniques of solid waste treatment and disposal will undoubtedly be developed, it will always be essential to protect and safeguard our Planet. For it is the only real treasure humanity has.

# CONTENTS

	Page
<b>PREFACE</b>	1
<b>INTRODUCTION</b>	2
<b><u>CHAPTER I</u></b>	
1. Solid wastes	3
- Types of Solid Wastes	6
1.1 Properties of Solid Wastes	10
1.2 Solid Waste Management	17
- Solid Wastes	25
1.3 Composting	27
1.4 Estimation of Solid Waste Quantities	
1.5 On Site Handling, storage and Processing	27
<b><u>CHAPTER II</u></b>	
2.1 General About Landfills	30
2.2 Landfills	31
2.3 Planning and Site Selection	33
2.4 Considerations in the Selection and Operation of Landfill Sites	35
2.5 Site Survey and Operational Plan	36
2.6 Design Considerations of Waste Landfills	38
2.7 Landfilling Methods and Operations	39
2.8 Permeability	43
2.9 Occurrence of Gases and Leachate in Landfills	44
<b><u>CHAPTER III</u></b>	
3. Design and Operation of Landfills	57
3.1 Design	59
3.2 Landfill Operation Plan	63
- Design of Landfill	71
Design	71
Solution	72

## **CHAPTER IV**

### **CONCLUSIONS**

4.1	Management Issues and Concerns	77
4.2	Recovery of Solid Wastes	79
4.3	Methods of Recovery	80
4.4	Plan Development Selection and Implementation	82
4.5	Closure Plans	84

### **REFERENCES**

86