

A SURVEY ON TOWN REFUSE DISPOSAL METHODS

BY

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Project Report

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SUMMARY

A Survey on a Town Refuse Disposal Methods by Georgiou Andreas (3M1)

Summarized objectives of the study

The project aimed at:

- (a) Carrying out an investigation into the various viable methods of refuse disposal.
- (b) Critically analyse the characteristics of these methods and select the most appropriate which can meet the Nicosia needs.
- (c) Discuss in detail the selected option and present design calculations, drawings and technical specifications for the plant.

Methodology

The following methodology was used in carrying out this study:

- (a) The relevant literature was studied in detail and an overall appreciation was gained.
- (b) Relevant information was collected using two methods:
 - (i) desk research,
 - (ii) field research using primarily the interview method
- (c) All collected data was classified and analysed.
- (d) Conclusions were reached.

Findings

The current investigation supports the view that the most appropriate method for refuse disposal is the incineration. The option of sanitary landfill was rejected because of the negative impact of the environment and the intense sensitivity prevailing in the community.

Incineration entails the following positive features:

- (a) Produces electricity
- (b) Gets rid of industrial waste water
- (c) Eliminates the possibilities of pollution of the ground water
- (d) Some material recovery can be established

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... .. disposal
 any landfill, or
 of the environment.
 following possibilities:

