

Chemical Waste Management

154165-K

SOLID WASTE



**If rubbish was just papers,
the solution is much simpler**

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Introduction

Continuous urbanisation in Malaysia and the emergence of “global villages” have promoted high volume of import-export activities in the country, which has improved the standard of living for everyone, as evidenced by the assortment of consumer products in most households. However, one of the consequences of these phenomenal progressions is the large increase in the amount of solid waste generated by both industries and individuals. Traditional methods of disposal i.e. dumping and burning are not appropriate as these methods bring adverse impacts to the environment.

CWM continues to demonstrate its commitment to bring state-of-the-art waste disposal techniques by combining our strength in collection services with the operations of the first sanitary landfill in Selangor built with impregnable line system and leachate collection & treatment system, capable of handling up to 3,000 tonnes of rubbish a day from nearly 5 million of population in the Klang Valley. As the move towards privatisation in Malaysia progresses, CWM will continue to offer advanced solutions to promote proper waste management for industrial and residential communities such as landfilling, leachate treatment, transfer station, 3R (reduce, reuse, recycle), greenhouse gas power stations, incinerator etc.

Major Projects

Sanitary Landfills

1. Air Hitam Landfill

Client: Government of Selangor

Capacity: 3,000 ton/day (full as of 2006)

Size of Landfill: 6 Hectares

Location: Air Hitam, Selangor

Role: Concession Holder since 1995

Duration: 25 years

Scope: Establish, Operate, Maintain and Manage the Sanitary Landfill Site



2. Jeram Landfill

Client: Government of Selangor

Capacity: 1,500 ton/day

Size of Landfill: 75 Hectares

Location: Jeram, Selangor

Role: Concession Holder since 2007

Duration: 25 years

Scope: Establish, Operate, Maintain and Manage the Sanitary Landfill Site



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3. Jana Landfill

Client: Tenaga National Berhad
Capacity: 2 MW of Electricity using Landfill Gas
Location: Air Hitam, Selangor
Role: Concession Holder
Duration: 15 years
Scope: Establish, Operate, Maintain and Manage the Landfill Gas Power Station



Solid Waste Collection

We are engaged in the collection services of solid waste for both industries and municipalities, and we rank as the leader in industrial and commercial waste collection with 25% market share.

Client: Municipalities & Private Sectors

Capacity: 1,000 ton/day

Types of waste:

- Domestic / Household Waste
- Commercial Waste
- Light Industrial Waste
- Market Waste
- Street / Public Cleansing Waste
- Construction Waste
- Condemned Food Waste

Number of Trucks: 180

Total Employees in Solid Waste Management Services: > 1000 personnel

Operation since: 1994

