

PROJECT:-**DETAILED ENVIRONMENTAL IMPACT ASSESSMENT (DEIA), CONCEPTUAL DESIGN AND ENGINEERING CONSULTANCY SERVICE FOR THE PROPOSED JERAM SANITARY LANDFILL (JSL)****LOCATION :-**

Daerah Kuala Selangor, Selangor

PROJECT COST :-
RM140 Million**DESCRIPTION :-**

The Selangor State Government (SSG) is proposing to develop a sanitary landfill facility in Mukim Jeram, Selangor for the disposal of municipal solid waste (MSW) generated mainly from western part of Klang Valley. As the project proponent, the SSG has provided a 160 acres (64.7 ha) of state land near Mukim Jeram for the development of the project.

The JSL will provide sanitary landfill facilities for the disposal of MSW. It has been designed to receive about 1,000 to 1,500 tonne of waste per day and will have an operation lifespan of approximately 10 years from 2007. JSL will form part of the Integrated Waste Management System (IWMS) for the State of Selangor and the Klang Valley, complementing other solid waste disposal projects in both regions, which have been identified by the Government of Malaysia.

The waste disposal areas of the landfill are planned to be developed sequentially in Phases to facilitate the construction and operation of the facility. The first landfill area to be developed, the Advance Cell (Phase 0), is to be constructed simultaneously with the initial Site Infrastructure and facilities. The remaining Phases, Phase 1 through 9, are to be developed sequentially as the waste is placed in the immediately previous Phase.

SERVICES PROVIDED :-

- Detailed environmental impact assessment (DEIA)
- Conceptual design
- Detailed design (including foundation, infrastructural and R.C structural design, Leachate Treatment Plant & Mechanical Instruments)
- Preparation of Tender Document and Drawings
- Preparation of Construction Drawings
- Authority submission

OWNER :-

Worldwide Landfills Sdn. Bhd.

COMPLETION DATE:-
December 2010

Overall View of Landfill



Geotextile Separator & HDPE Liner for Landfill Cell



Preliminary Aeration in Leachate Pond



Landfilling in Progress