

Landfill preparation study and field tests at new Tehran landfill site Houshang Abad (Iran)

Client:

Organisation of Waste Material Recycling and Composting (OWRC), Tehran

Period:

2004-2005

Narrative description of project:

Objective of this design and preparation project was to intensify the available baseline information for the required level in a Design-Build-Operate (DBO) tender procedure for the new Tehran landfill site at Houshang Abad.

The technical design and advisory for the further planning processes were carried out. Great attention in this landfill preparation study was paid on planning at a suitable site with a framework of practical and cost efficiency detail solutions in this developing country.

Description of actual services provided:

The INTECUS expert took over the landfill designing process. He carried out various options and delivered presentations, for example different bottom-liner materials for this future landfill site in front of the DBO-process.

Also calculated were different cost models for different building options. Finally, responsibility was assumed for the geo-technical test of the precise determination especially of the landfill foundation.

