

# Latoue/Saint-Gaudens - Extension of Pihourc landfill



## Country

France

## Client

SIVOM de Saint-Gaudens/  
Montrejeau/Aspet

## Date

2000-2001

## Sogreah's services

- ▶ Preliminary studies
- ▶ Design studies
- ▶ Design of "Phase 4" cell

## Context

The local authority, the SIVOM, has traditionally buried its household waste.

Since 1996, it has been using the Pihourc landfill. However, the State's new position, as expressed in the household waste elimination plan for the department of Haute-Garonne, is to ensure that Pihourc landfill will continue to accept 105 000 tonnes/year for a period of 20 years as from 2002. The SIVOM therefore has to consider expanding the existing site and implementing the corresponding studies.

## Performance of the study

### Phase 1: Preliminary studies

- ◆ Summary of constraints and criteria.

- ◆ Construction, landscaping and environmental studies.

### Phase 2: design study

- ◆ To confirm the feasibility of the chosen solution in light of additional studies and investigations, in particular those of the subsoil, and stability calculations concerning the temporary and permanent structures.
- ◆ To specify the details of the chosen solution, determine its main characteristics, the distribution of the structures and their linkages, to check functional relations and all major aspects of the programme.
- ◆ To propose the topographical layout of the main structures.

- ◆ To check the compatibility of the chosen solution.

Sogreah took pains to propose the technical solution for extending the landfill that would be best suited to the environment from the geological, hydrological and geotechnical standpoints.

### Phase 3: Design study for the "Phase 4" cell

- ◆ Earthworks.
- ◆ Sealing complex.
- ◆ Leachate drainage network.
- ◆ Stormwater drainage.
- ◆ Biogas network.
- ◆ Access tracks.

SETS/JDA/ebd/0406