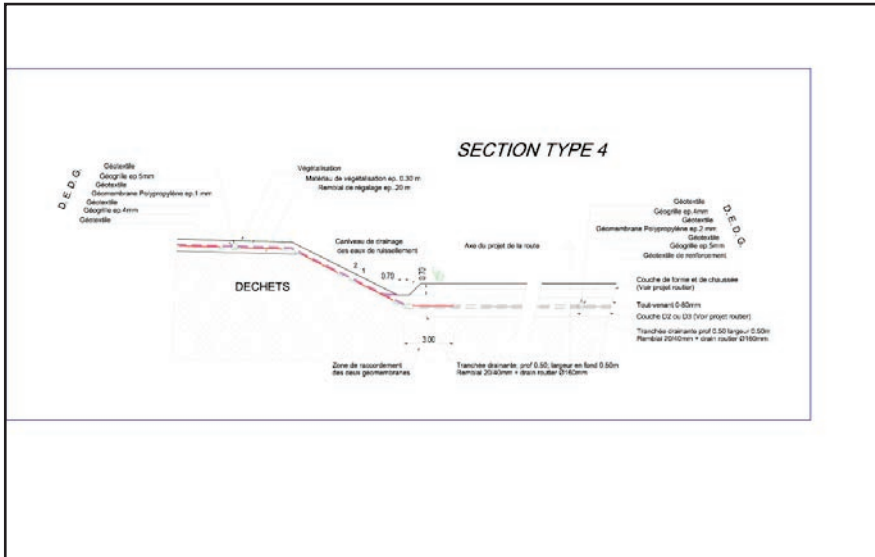


Audit and design of the rehabilitation project



**Country**  
France

**Client**  
Commune de Saint Paul (Réunion)  
Société d'Équipement de la Réunion (SEDRE)  
Direction Départementale de L'Équipement

**Date**  
1999-2000

**Sogreah's services**

- ▶ Preliminary study
- ▶ Audit of operation
- ▶ Preliminary design
- ▶ Detailed design
- ▶ Assistance to the Owner with contract award procedures
- ▶ Supervision of works implementation



**Context**

The commune of Saint Paul, which owns Cambaie landfill, had finished operating the site. It commissioned Sogreah to perform an audit prior to rehabilitation, an audit of operation, and the preliminary and detailed designs of rehabilitation works. The site to be rehabilitated covers 85,000m<sup>2</sup> and is owned by two separate authorities: the commune of Saint Paul with 67,100m<sup>2</sup> and the Réunion regional council with 17,900m<sup>2</sup>. A new dual carriageway between Saint Paul and Le Port was scheduled to be built on part of the landfill site.

**Aim of the project**

The dump site was to be redeveloped in order to eliminate and reduce the environmental impacts observed and the risks of potential accidents below the new road.

**Performance of the study**

The study consisted of three parts:

- ◆ Study of the waste clearance project and preparation of tender documents.
- ◆ Project to rehabilitate the site in the area to be used for the future road.
- ◆ Project to rehabilitate the site outside the area for the future road.

The major technical aspects of the project were as follows:

- ◆ Sizing of the degassing system.
- ◆ Design of the sealing and drainage system to enable an expressway to be constructed across the site.
- ◆ Integration of the scheme in the project to construct embankments along the Rivière des Galets.
- ◆ Definition of the waste clearance area.

