

# Supervision of the Construction, Operation and Capping of three Landfills for Hazardous Waste

## Project Details

Belgium, landfills for industrial residue

### Client:

Multinational Company, Confidential

### Project Budget:

confidential

### Key Staff:

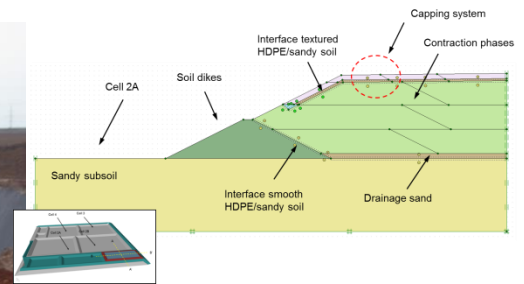
- Piet Wens
- Paul Verkaeren
- Uda Pannizzo
- Luis Hens

### Duration:

2005 – on going

## Provided services

- Establishment of the Construction Plans
- Stability Analysis
- Water Balance
- Establishment of the Operational Plans
- Establishment of the Monitoring Plans
- Establishment of the Capping Plans
- Supervision of the works



## Introduction

The Client operates an industrial plant in Belgium. The residus of the process are dewatered in order to be landfilled.

Since 2011, Pollux Consulting, acts as certified landfill expert for the 3 landfills for hazardous waste:

1. Landfill for the disposal of filtercakes of the residue (21 ha),
2. Landfill for the disposal of contaminated materials originating from the rehabilitation of the surroundings of the plant (18 ha),
3. Capping of the former sludge pond (5 ha).

## Delivered Services

Pollux Consulting delivers the following services to the Client:

- Construction design of the confinement liner of the landfill for disposal of filtercakes and the landfill for disposal of contaminated materials from the rehabilitation,
- Drafting of the operational plan for the two landfills, including stability analysis for the disposal of filtercakes,
- Monitoring of the physical and chemical characteristics of the filtercakes, in the framework of the permit,
- Detailed design of the capping of the landfills,
- Supervision of the works as certified expert for the permitting authorities.

