

# Thermopile

## T-05-05 / DELTA - BRUSSELS

IN-SITU TREATMENT OF 3000M3 TPH CONTAMINATED SOIL ON THE DELTA SITE, BRUSSELS – BELGIUM)

### Context

The Equipment and Transport Administration of the Brussels Region, the project manager, was faced with TPH contamination at the DELTA site. This site comprises an underground station, an underground metro depot and a bus depot. Twelve single-wall metal tanks were buried on the site and showed signs of leakage. Mourik, the main contractor, carried out 6 meter deep excavations and removed the tanks. Further excavations were prohibited because of questions of the stability of the building. Deep Green was then chosen to treat the contaminated soil in-situ.

### Treatment/Clean Up Targets

- The soil to be treated showed mineral oil concentrations of up to 37,000 mg/kg.
- The decontamination target of 800 mg/kg was achieved.
- The treatment was carried out in-situ.
- The objectives were reached.



## Key facts

### Contaminants

TPH

### Max. Concentration

37000

### Volume

3000

### Tonnage

5400

### Treatment Targets

<300

### Location

Industrial

### Future Use

Industrial

### Client

### Consultant

### Date

2005

