

Thermopile

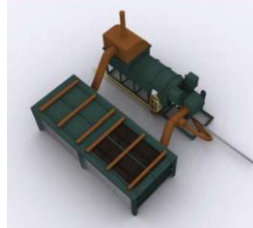
T-03-01 / NEUVES-MAISONS

Context

Thermal desorption treatment of 2000 tons of PAH contaminated soil by means of the on-site Thermopile process. Bail Industrie, exclusive operator for the environmental treatment of the sites of the Arcelor-Mittal Group, managed the decontamination operations of the old dump of Neuves-Maisons, formerly exploited by Usinor. Deep Green was selected for the on-site Thermopile treatment of 2000 tons highly tar-contaminated soils.

Equipment

The project was realized with a Thermopile installation, according to the DRIRE's prescriptions. Stack tests were regularly performed. The unit was equipped with Continuous Emissions Monitoring systems.



Treatment/Clean Up Targets

The soils to be treated held average concentrations in THP of about 70 000 ppm, in PAH of 60 000 ppm; in CN of 400 ppm.



Conclusion

90% of the clean soils reached the clean-up target.

Key facts

Contaminants

TPH

Max. Concentration

12800

Volume

55,5

Tonnage

100

Number of Heating Tubes

Temperature Target

Heating duration

Treatment Targets

<100

Location

Future Use

Client

Partner

