

Rotary Kiln

R-03-01 / SOTTEVILLE

THERMAL DESORPTION OF PAH CONTAMINATED SOIL FROM "GAZ DE FRANCE", AT DEEP GREEN'S REGROUPMENT AND TREATMENT CENTER OF SOTTEVILLE-LES-ROUEN (FRANCE)

Context

DEEP GREEN's regroupment and treatment center at Sotteville-Lès-Rouen (76) treated more than 8,000 tons of polluted soils coming from different GDF sites in collaboration with many consultants like Serpol, Brézillon, Ortec GSI et Ecoterres.

Main excavation locations:

- ▶ Amiens : 3200 tons
- ▶ Aix-Les-Bains : 1700 tons
- ▶ Beaune : 1200 tons
- ▶ St Vallier : 860 tons
- ▶ Arras : 300 tons
- ▶ Calais, Frontignan, Châteaudun...

Equipment

The project was done with the DRAGON 35 unit, according to the law prescriptions (of the "Arrêté Préfectoral"). The unit was equipped with continuous emissions monitoring systems.

Treatment/Clean Up Targets

The soils to be treated held PAH concentration varying from 500 and 10,000 ppm. The clean-up targets were set at levels under the VDSS. All clean soils were under the clean-up target after treatment.



This project was designed and executed by the current Haemers technology team, when they worked within the legal entity L&C SA (formerly Deep Green SA), which belongs to the Haemers technologies group.

Key facts

Contaminants
PAH

Max. Concentration
10000

Volume
5000

Tonnage
8000

Number of Heating Tubes

Temperature Target

Heating duration

Treatment Targets

Location

Future Use

Client
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