

Rotary Kiln

R-08-02 / GOSNAY

DESORPTION OF 13,000 TONS OF PAH CONTAMINATED SOIL COMING GOSNAY'S SITE

Context

DEEP GREEN's regroupment and treatment center at Sotteville-Lès-Rouen (76) treated more than 13,000 tons of polluted soils coming from Gosnay, one of Charbonnages de France's site. Afterwards, the treated soils were transported to Gosnay to be used as fill.



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 average concentration of 6000 mg/kg and TPH average concentrations of 7,500 mg/kg. The clean-up targets were set at maximum levels of 500 mg/ kg. All clean soils were under the clean-up target after treatment.



Key facts

Contaminants

PAH,TPH

Max. Concentration

7500

Volume

8125

Tonnage

13000

Number of Heating Tubes

Temperature Target

Heating duration

Treatment Targets

<100

Location

Future Use

Client

Partner

