

**Country**

France

Client

Ville d'Ancenis

Date

2007-2009

Cost of works

€2.7m exc. VAT

Sogreah's services

- Design services and project supervision

**Context**

The sewerage master plan for Ancenis - Saint-Géréon urban area drawn up in 2006/2007 recommended the construction of a 3000 m³ storage tank immediately upstream of the sewage treatment plant with a view to:

- reducing overflows from the separate network into the Loire,
- helping with the direct transfer of residual water from food processing industries to the treatment plant.

Description

- Covered and buried rectangular tank (35 x 30 m – depth 5 m),
- Flood station for supplying a discharge varying from 200 to 1000 m³/h,
- Preliminary treatment by fine screening (5 mm), capacity 1000 m³/h.
- Tilting bucket cleaning system (5 scrubbing lines).
- Emptying by means of pumping: discharge varying from 80 to 250 m³/h.

- Ventilation/extraction system with deodorisation of foul air in two chemical scrubbing towers (acid and basic oxide), capacity 37 000 m³/h.