

# Nice Ferber combined wastewater and stormwater impounding and treatment basins



## Country

France

## Client

Communauté  
d'Agglomération Nice Côte  
d'Azur (CANCA)

## Cost of works

€22.2 m excl. VAT

## Date

2003 - 2005

## Sogreah's services

- Project coordination and management



## Objective

At present, during heavy rainfall, the rapid rise in pressure in the combined wastewater and stormwater sewerage network causes effluent releases into the Baie des Anges. These direct releases affect the quality of bathing water close to the outfalls. Creating these impounding and treatment basins will reduce the frequency and volume of the pollution released into the sea. In addition, these basins will collect any accidental pollution spills that flow through the network.

## Implementation of works

- ◆ Diversion of the two existing sewers (ND 2000) at the inlet of the Haliotis treatment plant.
- ◆ Creation of a basin feeder structure on the diversion (diameter 14 m - depth 8 m).
- ◆ Creation of two round basins, each 15 000 m<sup>3</sup> in volume (diameter 35 m - depth 20 m).
- ◆ Construction of an operations building including a system for deodorising the air confined in the basins.
- ◆ Fitting of the structures with automatic systems for screening and pumping the effluent stored and transferring it to the treatment plant, and for rinsing the basins.
- ◆ Creation of an above-ground car and coach park including site landscaping.

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