

Besançon - Transport of 8 towns' effluents and connexion to Besançon city network



Country

France

Client

SYTTEAU (Syndicat Mixte de Transport et de Traitement des Eaux Usées)

Date

2007-2011

Cost of works

€11.85m excl. VAT

Sogreah's service

► Assistance to the Owner

Context

SYTTEAU's project consists in setting up a network to transport wastewater from all the towns in the Doubs valley to Besançon (i.e. 24 km of piping), where it will be treated at the Port-Drouvot treatment plant.

This network collects effluents from the whole Besançon-Thise-Chalezeule area and the eight towns along its route: Roulans, Laissey, Deluz, Vaire-le-Petit, Novillars, Chalèze, Chalezeule.

It will help to restore the ecological health of the Doubs:

- By reducing organic matter inflows by 88%, nitrogen by 10% and phosphorus by 65% in dry weather conditions.

- By ensuring good ecological conditions in the Doubs during wet weather conditions, more than 99% of the year.

Description of the project

- The quantity of sewage collected and redirected into the Besançon networks will be 4,800 m³ per day.
- Four treatment plants will be transformed into flood damping basins.
- An extra stormwater basin will be built in Deluz.
- Ten pumping stations will be installed to ease effluent transport.

Works will take around 3 years to be completed and will cost around €11.85m excluding VAT.

Sogreah's assignments

- Creation of the project programme and drafting of specifications to help choose the Project Manager.
- Monitoring of studies and works until all facilities have been accepted.
- Drafting of "Loi sur l'eau" (water resources regulations) and "DUP" (public enquiry) documents.
- General assistance to the Project Owner throughout the project (technical, legal, financial, administrative, etc).
- Project quality management.
- Coordination of the various stakeholders (Project Manager, Contractors, public and local authorities, etc).
- Drafting of agreements concerning discharges and the connexion of all local authorities linked to the project.