

# General repairment, reconstruction and modernization of the WWTP Dupnitsa, Bulgaria

Municipality of Dupnitsa, Bulgaria

Service area	Contract value	Project duration
Infrastructure Planning, Supply and Waste Engineering, Wastewater Management	€630,000	2009 - 2011



## Project description:

The WWTP is situated west of Dupnitsa City. The WWTP discharges the treated waste water in the Djerman River, which is of second category (according to the Bulgarian Regulation). The main purpose of the WWTP is to treat the domestic waste water from the urban sewerage system, as well as the pre-treated waste water (by local WWTP) from industrial enterprises in the area. Water supply and sewerage, which is a municipal property, own the WWTP.

## Further project data:

- WWTP was designed in 1974
- put into operation in 1982
- 81,929 PE
- 16,712 m<sup>3</sup>/d

## Purpose:

- Preparation of a complete investment

project "Reconstruction, modernization and expansion of the Wastewater Treatment Plant – Dupnitsa"

- Preparation of an application form for funding of investment projects by the European Regional Development Fund - Operational Programme Environment 2007 - 2013"
- Preparation of tender documents for procurement for construction, independent construction supervision and technical assistance for the investment project management

## Our services:

- Feasibility study
- Engineering-geological and hydrogeological survey
- Conceptual design development
- Detailed design development
- Preparation of financial and economic analysis
- Providing all necessary environmental permits, incl. organizing public hearings
- Completing the application form

## Client benefits:

- Improving the quality of surface and groundwater in accordance with the regulations of the European Union and improve the ecological balance of the local river