

WWTP Sevlievo

Name of Employer: VIK Biala EOOD

Taking Over: 04.12.2009

Address: 6, Nikola Petkov Str.
5400 Sevlievo
Bulgaria



Capacity of the plant:

Hydraulic Load: Q average, day = 10 424 m³/d

Equivalent Population: 54 000 PE

Methods/Technology: mechanical, biological and chemical treatment

Scope of Performance:

Mechanical design, delivery and installation of the whole technological equipment (including the pipelines) for the WWTP, commissioning (start-up) and personnel training. Mechanical pre-treatment, full biological treatment with activated sludge for carbon organic substances, nitrogen and phosphorous removal, including circular aeration tanks with denitrification and nitrification zones and secondary sedimentation tanks, further chemical sedimentation of phosphorus using FeCl₃, stabilization of the excess activated sludge through aerobic stabilizer, further gravitational sludge thickening, mixing, homogenisation and dewatering of the thickened sludge through band filter press, bio filter for exhaust air treatment and UV systems for disinfection of the treated wastewater.

