

Bad Tölz

Storm Water Tank with Overflow



Regierungsbaumeister
SCHLEGEL



Client

Stadt Bad Tölz [City of Bad Tölz]

Period

1995 - 2009

Project Cost

3.500.000 €

Abstract

Based on the results of a general canalisation concept in 1992, five storm water tanks with overflow as well as storm water retention tanks, with a total volume of approx. 3,100 m³, were constructed.

Three tanks were installed in in-situ concrete and two other structures were designed as sewers with storage capacity and overflow. Emptying of tanks took place both through free gaps and pumps. Mechanical discharge regulators were used as throttle devices, like jet throttle. Cleaning of the tanks proceeded by jet aerators. Measurement and recording of the discharge volume, its duration and frequency took place in all tanks.

Scope of Service

pre-design, design, approval design,
execution design, preparation of tender
documents, construction supervision,
documentation, site supervision
planning of structural framework
technical equipment

Technical Data

Tanks' storage volume	2,700 m ³
Sewer with storage capacity and overflow	DN 2000 / DN 2400
Sewer storage volume	400 m ³
Discharge throttle devices	Q _m from 40 l/s to 315 l/s