

Bad Tölz

Flood Protection Arzbacher St.



Regierungsbaumeister
SCHLEGEL



Client

Stadt Bad Tölz [City of Bad Tölz]

Period

1993 - 2004

Project Cost

1.000.000 €

Abstract

Dikes were constructed in the residential area of Arzbacher St. to protect against flooding of the river of Isar. The necessary inland drainage took place through a pumping station. Additionally, the area was connected to the sewer system by a sewage pumping station.

The catchment road above the dike enables regular transport connection of the area. The flood protection dike was equipped with supply and disposal pipes. Construction works were completed in 2004. The applied design services with percolation calculation and structural safety evidence were based on the data from the year 2000.

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

seepage line calculation
measurement
surface tachymetric record

Technical Data

Embankment	16,000 m ³
Pumping station for inland drainage	300 l/s
Sewer channels and pipes	430 m
Sewage pumping station	5 l/s
Catchment roads and paths	1,850 m ²