

Bad Tölz

Flood Protection External Arzbacher Road



Client

Stadt Bad Tölz [City of Bad Tölz]

Period

1993 - 2004

Project Cost

1.000.000 €

Abstract

To protect the settlement in the external Arzbacher Road, the residential area has been diked. The necessary drainage of the interior zone is provided by a pumping station. Additionally, the settlement has been connected to the sewer system by a sewage pumping station.

The catchment road upon the dike crone enables a regular transport connexion in the area. The flood protection dike has been provided with supply and disposal pipes. Construction works were finished in 2004. The underlying draft with calculation of the saturation line and structural safety verification is was realised in 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	V = 16,000 m ³
Interior zone pumping station	Q = 300 l/s
Sewer lines	L = 430 m
Sewage pumping station	Q = 5 l/s
Covering roads and paths	A = 1,850 m ²