

## Construction of a storm water overflow basin in Chemnitz

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**Project objective:** Construction of a storm water overflow basin focusing of the removal of pollution on the draining canal of the Pleißbach as well as of the canalization of the city of Chemnitz

**Location:** City of Chemnitz, district of Altendorf, corner of the streets Beyerstraße / Paul-Jäkel-Straße

**Client/  
Beneficiary:**



Entsorgungsbetrieb der Stadt Chemnitz

**Period:** 2000 - 2005

**Costs:** 0,7 Mio €

### Initial situation:

The removal or remediation of the historical drainage system as well as the expansion of the whole system will be realized according to the general drainage plan of the city of Chemnitz. In consideration of the requirements of the water conservation the company responsible for disposal plans the construction of separate buildings like water storages and spillways. These installations improve the dimension of the collector drain in the aspect of the invest- and operating expenses. Another objective target is the retention of coarse materials or floatable contaminants in the sewerage system, which are deposited near the area along the riverbank of the draining canal and which causes a negative appearance.

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## Main tasks:

Object planning work phases 3-8 and local supervision of construction

According to the instructions of the client the basin of 350 m<sup>3</sup> will be constructed according to the appropriate guidelines of the sewage engineering. The execution will be made of reinforced concrete construction. The planned storm water overflow basin is situated in a big drainage area of 48 hectare. The plant component flow-dividing structure will be integrated into the public area according to the existing stock of cables and wires. Necessary layings were realized previously by extensive site preparation. The existing combined sewer of the inlet area of the storm water overflow basin has to be changed in a length of 30 m.

