



Lauter River Renaturization and Decentralized Flood Protection, Germany

Services provided

Conceptual to execution planning, water law application tendering, documentation, construction supervision

Technical details

Length 1.2 km, base profile width < 25m, descending gradient < 2.5 ‰, catchment area 100 km², design flood discharge 30m³/s, 3 uncontrolled retention basins (height < 1.8 m), enlargement of retention space construction of flood channels demolition of mill-weir and construction of a bed ramp demolition of gas pipe bridge and construction of an invert siphon surcharge filter along railway water renaturation vista trail