

# Stormwater treatment by constructed wetlands

## at municipality Oberg, Germany

Mechanical – biological treatment of stormwater and retention for direct discharge into receiving river or storage for irrigation.

Cut of river peak flow by storing the rainwater and slow down of discharge.

Loading rate:  
60.000 m<sup>3</sup>/a from  
37 ha paved area

Planning: 1999 – 2000  
Construction: 2001

Natural treatment of stormwater:

- overflow structure
- sedimentation and storage pond (open lagoons)
- reed bed treatment system

Space requirement:  
- 5.600 m<sup>2</sup>

Special features:  
- floating islands  
- operation without electrical energy supply

