

## Storm Water Treatment Biotopes

### Municipality Oberg

Employer:  
Municipality Lahstedt  
Am Breiten Tor 1  
31246 Lahstedt

Mechanical-biological treatment of stormwater for direct discharge in receiving river or storage for irrigation. Cut of river peak flow by storing the rainwater and slowdown of discharge.

Loading Rate:  
60.000 m<sup>3</sup>/a of  
37 ha paved area

Storage capacity:  
3400 m<sup>3</sup>

Planning: 1999 – 2000  
Construction: 2001

Natural treatment of stormwater

- Overflow structure
- Sedimentation and storage pond
- Reed bed treatment system

Space requirement

- 5.600 m<sup>2</sup>

Special features:

- Floating planted islands
- Operation without energy requirement

