

Storm Water Treatment Biotopes

Wastewater treatment plant

Münstedt

Owner:
Municipality Lahstedt
Am Breiten Tor 1

31246 Lahstedt

Mechanical- biological treatment of
stormwater for direct discharge in
receiving river

Loading rate :
67.000 m³/a from
48 ha paved areas

Planning: 1999 – 2000
Construction: 2001

Treatment plant:
- Trickling filter

Treatment of stormwater:
- Overflow structure with pumpstation
- Sedimentation and storage pond
- vertical reed bed treatment system

Space requirement:
- 6000 m²

Special features:
- floating planted island
- Ultrasonic- and PLC-operated
inflow and pile up
- Ultrasonic outflow measurement

