

Reed Planted Sludge Dewatering Beds

Wastewater treatment plant Groß Lafferde

Municipality Lahstedt
Lower Saxony, Germany

Sewage sludge dewatering and
mineralization in constructed wetlands

Design: 2002
Construction: 2006



Total area:
6.655 m²

Area of the reed beds:
6 basins a 590 m²

Maximum sludge height:
1,75 m

Storage volume for sewage sludge:
5.000 m³

Application volume of secondary sludge with 5% dried solids:
2.400 m³/a

