

Treatment wetlands at Lotus Island on Yangchen Lake, Suzhou, China

Lotus Island Ecological Treatment Wetland Yangchen Lake, Suzhou West Project

Owner:
Local government,
Jiangsu province, China

Domestic wastewater treatment for a
restaurant and a tourist centre.

Start of operation: 2009

Capacity: 30 m³/d

Vertical subsurface flow constructed wetland:
350 m²

Horizontal subsurface flow constructed wetland:
100 m²

Sewage sludge reed bed: 50 m²



Design:

The sewage treatment plant consists of two vertical flow constructed wetlands (2), a horizontal flow constructed wetland (3), a reed bed sludge treatment basin (4), a septic tank (5), a polishing lagoon (6), an ecological island (7) and the water exit (8)*

*On the picture above you find the corresponding numbers

