

Constructed wetland at Yangchen Lake in Suzhou

Constructed wetlands at Xiayingtian Village

Yangchen Lake Suzhou, China

Owner:
Local government,
Jiangsu province, China

Domestic wastewater treatment for a village and farmhouses with tourists.

Start of operation: 2010

Capacity: 100 m³/d

Vertical subsurface flow constructed wetland:

1000 m²

Horizontal subsurface flow constructed wetland:

400 m²

Polishing pond: 500 m²

Sewage sludge reed bed: 100 m²



Design:

The sewage treatment plant consists of two vertical flow constructed wetlands (1), a horizontal flow constructed wetland (2), a reed bed sludge treatment basin (3), a pumping station and a septic tank (4), a polishing lagoon (5) and a water outlet into the lake (6)*.

*On the picture above you find the corresponding numbers



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