

第一例沙生物滤池系统- 中国微山湖

First Sand Bioreactor System – Weishan Lake, China

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沙生物滤池是在 1200 人的农村建造的。基础是混凝土。围墙是砖建造的。

A bioreactor system was constructed to treat the wastewater for a village of 1200 people. The base is concrete and the walls are brick construction.



这个有六个部分的沙生物滤池。总面积是 680 平方米。

The bioreactor was constructed in 6 sections for a total of 680m².



沙生物滤池是用泵来分次进水。

Pumps were installed to deliver wastewater in doses to the sand bioreactor.



多孔管是放在砾石上的，为了分配污水。

Perforated pipes were laid in the gravel to distribute the wastewater over the top of the bioreactor



系统由 15 厘米土壤覆盖，上面种了草。

System was covered with 15cm of soil and planted in grass.



干净的水排到微山湖。系统造价是平均每个人 200 元。

Clean effluent discharges to Weishan Lake. Cost is 200 yuan per person (\$30)

