# Treatment of high strength effluents in constructed reed bed systems

University of Birmingham - The advantages of a constructed reed bed based strategy for small sewage treatment works



## Description: -

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# Treatment of high strength agricultural and industrial effluents using reed bed treatment systems

National Institute of Agricultural Sciences, 1977. However, this type of system is rather new and undocumented in Thailand, and there are no design criteria available. Detailed analyses were carried out for the removal of some key pollutants including COD, BOD5, NH4-N, P and suspended solids.

The design and performance of avertical flow reed bed for the treatment of high ammonia, low suspended solids organic effluents

WCI designed and supervised all the work. Enumeration of bacteria At the end of the experiment the gravel medium was sampled at four points in each unit at two depths; 10—15 cm and 35—40 cm.

#### Reed Bed Sewage System

The CW wastewater treatment plant WWTP is composed of: equalization tank 70 m3; French Reed Bed m2; horizontal subsurface flow HF CW m2: free water system m2; optional. The uptake of N was calculated from the total biomass and the N concentration in the tissues.

The design and performance of avertical flow reed bed for the treatment of high ammonia, low suspended solids organic effluents

Tom Scott — Project Surveyor, Woodford Scott Ltd Our large country house in the Exmoor National Park possessed a sewage treatment facility built over 100 years ago to service the main house with 30 bedrooms, 22 bathrooms and 3 other former estate cottages. American Public Health Association, Washington, DC.

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