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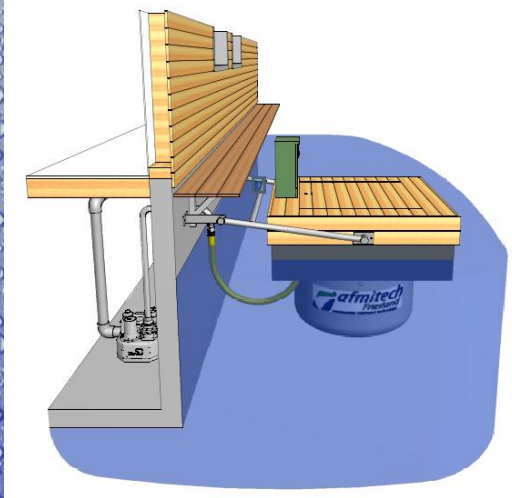
Buoyant wastewater treatment units at the Rosandepolder



Project

Commissioned by the municipality Renkum Kanters BV has sanitized the wastewater of 30 houseboats in total. This sanitation is realized by means of buoyant wastewater treatment systems.

Commissioned by Kanters BV Afmitech Friesland BV has provided buoyant wastwater treatment systems for the project "Rosandepolder houseboat sanitation" at Renkum / Arnhem. On Thursday July 17 2008 during a ceremonial opening by means of an official act the first system was put in operation.

Location

The Rosandepolder, a pool at a branch of the Lower Rhine, lies partly in the municipality Renkum and partly in the municipality of Arnhem.

Technique

The buoyant Bever Combi Compact is a floating class 2 unit for treatment of biodegradable domestic waste water, which works with the activated sludge process. This wastewater treatment unit is specifically designed for use on and around the water. The Bever Combi Compact Buoyant is composed of a form-retaining light-weight polyester tank where the complete system is built in. On top of the tank a platform has been secured with a built-in pontoon. The system can be attached to a ship or waterfront with a hinged rustproof steel construction making it adaptable to fluctuating water levels. The system is commonly used as an installation where built-in system is difficult to achieve, or where a floating unit is owned by the municipality.