

Sufficient purified municipal wastewater can be reused for many purposes, eg for irrigation of parks, flushing toilets, for washing laundry or vehicles and as cooling water for air conditioning systems , or as a process - washing or cooling water in industry.

It is often necessary that conventionally biologically treated sewage must be cleaned before reuse on.

HUBER offers the following products for this task:

- [HUBER Disc Filter RoDisc®](#) rotary mesh screen
- [HUBER Sandfilter CONTIFLOW®](#)

With both the sand filter and the ultra-fine mesh screen smallest solids are eliminated and a significant reduction in bacterial will be achieved. A complete disinfection of the wastewater is ensured by subsequent processes such as the chlorination or UV disinfection.

A particularly high cleaning performance is achieved with by use of membrane bioreactor technology. Here, the entire cleaning process is already running as **HUBER Membrane Activated Sludge Process**. It's effluent (permeate of the membrane bioreactors) is free of solid particles and bacteria. These are ideal conditions for reuse of waste water.

Wastewater is not only a source of water - with our HUBER Solutions wastewater can also be a source of heat: Our [HUBER Solutions for heating and cooling with wastewater](#) are energy efficient and environmentally friendly.

- Thermal heat from sewers: Bavarian Energy Award 2012 in the category Energy Concepts and Initiatives goes to HUBER SE!
- Energy from wastewater - the HUBER RoWin Heat Exchanger is becoming increasingly popular
- HUBER RoDisc® Rotary Mesh Screen ready for the future
- Two RoDisc® 20 Microstrainers in Sharjah Permit Effluent Reuse for Irrigation

- HUBER Micro Tamis RoDisc®
- HUBER Filtre à sable CONTIFLOW®
- Technologie membranaire
- HUBER RoWin Echangeur de chaleur pour eaux usées
- Récupération d'énergie dans les eaux usées