

DIN 19645 sets out three different possible uses for the treatment of spent backwash water from pool filters:

Type 1: Water for use as fill-up water or filter rinse water

Type 2: Water for use in surface cleaning, toilet flushing, irrigation

Type 3: Water for direct feed into a body of water

W.E.T.recycle gives you the choice.

Your benefits and advantages

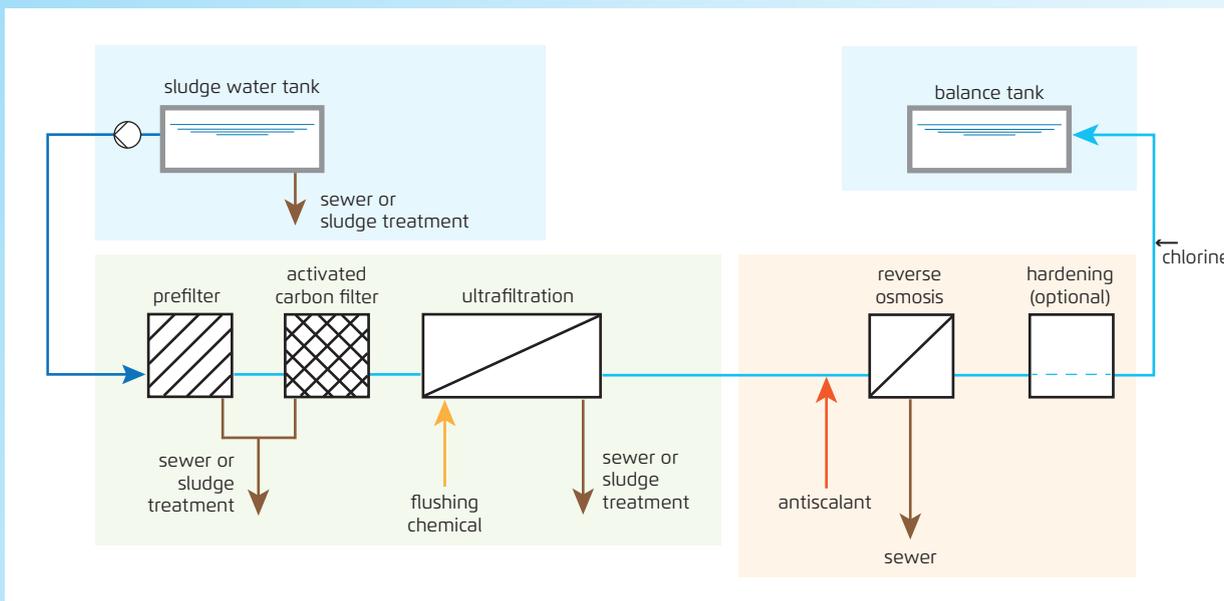
- Reduction in costs due to the recycling of the rinse water.
- Cost savings for heat, water and disposal charges.
- Fully automatic operation, personnel only required for verification and cartridge exchange.
- Low head height (2.0 m), transport through doors with width of 0.8m.
- Detailed planning documentation for standardised facilities or customer-specific adaptation.
- Provision of cost/benefit analysis.
- Quick amortisation periods

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CO₂-savings due to dealing with resources in a responsible way

Innovation and progress
in water technology



Clean, germfree water via ultramodern membrane technology

If rinse water is treated in accordance with DIN 19645 as fill-up water, it fulfils the stipulations of DIN 19643.

Spent backwash water is removed from the rinse backwash reservoir via surface suction.

The prefilter serves solely to remove coarse impurities.

Active carbon is used to break down other absorbed substances such as bound chlorine, AOX etc.

The filtrate of the ultrafiltration is germfree and

is passed to an interim container. After a specified operating period, the ultrafiltration is rinsed with water from the interim container or subjected to chemical rinsing.

The water from the ultrafiltration is desalinated by reverse osmosis and thus an increase of salinity of the bathing water circuit due to chlorides, sulphates, nitrates prevented.

Antiscalant needs to be added to prevent deposits forming on the reverse osmosis membranes.

At the end of the treatment process the water is first hardened in order to maintain the acidic capacity in the pool and then chlorinated.

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...any questions?
Just give us a call
or send your query to:

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