

ENVIRONMENTAL TECHNOLOGY & WASTE WATER TREATMENT



ENVIRONMENTAL TECHNOLOGY IN THE PUBLIC PROTECTION & AND INDUSTRIAL SECTORS COST-EFFECTIVENESS

Environmental issues, such as the treatment of waste water, handling raw materials as well as the utilisation of renewable energy sources and the avoidance of harmful emissions, are becoming ever more pressing. Hiller has taken on this challenge and for over 50 years has been developing decanters for the field of environmental technology. These are used for many applications, including dewatering or thickening sludge, preparing drinking water and exploiting renewable energy sources.

As well as protecting the environment, Hiller technology makes a considerable contribution to the cost-effectiveness of the entire process thanks to the minimal use of polymers, the low energy and water consumption as well as the high proportion of solids in the discharged matter. Added to this, the long service life and low standstill times of Hiller decanters also ensure a high level of cost efficiency.

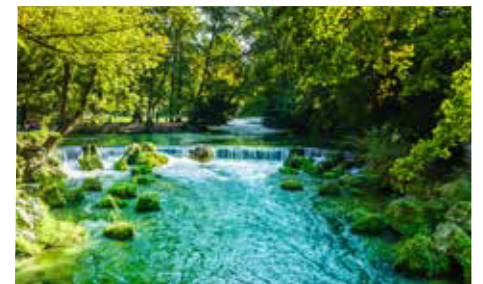
SLUDGE DEWATERING & THICKENING

SLUDGE DEWATERING

Dewatering of the sludge with maximum dry substance content in the solids phase, with high throughput performance and considerably reduced use of flocculant aids.

SLUDGE THICKENING

Reduction in the sludge volume before onward treatment, offering a further level of operating cost savings. In addition, very often no flocculant is required by Hiller decanters in the thickening process and they achieve the highest possible separation levels.



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Hiller decanter in municipal wastewater treatment

