

HILLER decanters for Debrecen WWTP, Hungary

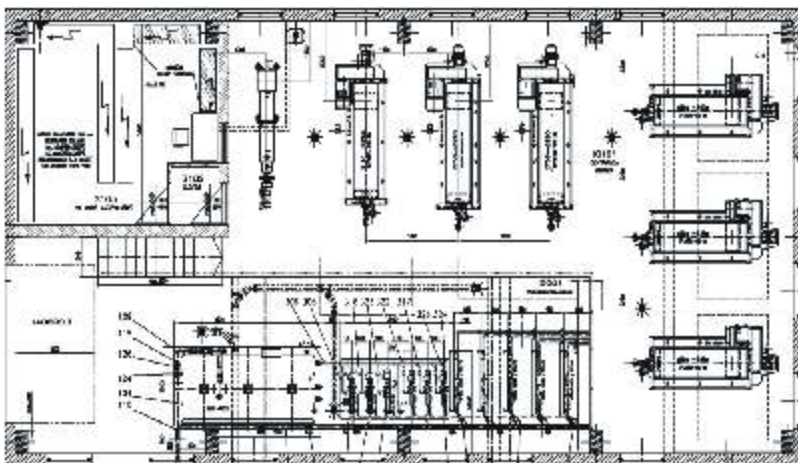
At the beginning of 2009, within the scope of an EU supported programme, the main contractor for Debrecen city's wastewater treatment plant enlargement and modernisation was chosen.

The winner of the net 21 million EUR project was the Kevié - Euroaszfalt consortium.



Present: 2 pc CP3-01 NS HY, 2 pc DP450-422 VA HY

HILLER's exclusive sales partner for Hungary, **AQUINNO Service Kft.**, proudly reports, that they were able to secure the supply sub-contract for the new sludge thickening and dewatering equipment.



The new sludge thickening and dewatering building's design

The WWTP of Debrecen currently operates 2 pc. KHD CP3-01 NS HY (Hiller-made) and 2 pc. **HILLER DecaPress DP450-422** dewatering centrifuges. After the modernisation of the plant, Debrecen WWTP's sludge treatment process will comprise of primary and secondary sludge thickening, mesophilic anaerobic digestion, dewatering, and finally, composting of the dewatered sludge.

The new sludge thickening and dewatering technology is designed and will be built by AQUINNO Service. It will comprise of 1 pc. **HILLER DecaThick DT54-422** for the thickening of primary sludge, 2 pc. HILLER DecaThick DT58-422 BD for thickening of surplus activated sludge, and 3 pc. **HILLER DecaPress DP54-422** for dewatering.

AQUINNO Service

With a total of **six HILLER decanters**, the enlarged and modernised Debrecen WWTP will be HILLER's largest installation in Hungary. We are very proud that we will be able to install a third generation of decanters in this plant, since the first CP3-01 was delivered in 1993. But most of all **HILLER congratulates AQUINNO Service** for this success, based on many years of trustful co-operation and competent after-sales services for the customer.

According to plans the technological and electric works will be started by November 2009 and will have to be ready by April 2010. During the six month long test-run – which will start in May 2010 - the HILLER machines will have to prove that they are capable of ensuring the required technological parameters. According to the tender the guarantee period ends at the end of October 2012.