

## DEHOUST delivers GEP-Greywater System to the Far East

In August 2010, the first decentralised grey-water treatment installation in the country was successfully installed in Turkey. With its professional competence, DEHOUST supported the entire product from its planning to the successful commissioning of a *GEP-Watermanager*.



Source: Eser company

The new administrative centre, which opened in 2010, of *Eser Company* is inspiring with its highly-efficient building services engineering.

In mid-2009, the construction of a new administrative centre in Ankara was agreed. It goes without saying that the engineers and architects of *Eser Company Co. Inc* took up their pencils and designed an energy-efficient administrative building in line with the principles of their corporate philosophy. The aspired-for aim was to fulfil all the criteria of the internationally renowned certification in accordance with LEED, which is awarded for particularly outstanding "GreenBuildings". As well as a photovoltaic, solarthermics and heat pump installation, the office building also has a sophisticated air conditioning concept with managed ventilation engineering. In the same way, the decision was made to install a combined rainwater and grey-water system. All the wastewater from the washbasins is treated biomechanically in a GEP grey-water installation with *BioMembrane Technology*. The recycled water fulfils the very strict quality requirements of quality grade 2 of the DIN 19650 for irrigation water in public parks. As well as for flushing toilets, the process water is

used to water the green areas around the building, together with the rainwater.



Proud owner of the first grey-water installation in Turkey.

The extensive support from DEHOUST and the joint commissioning of the GEP grey-water installation was very much appreciated with great recognition by all those involved in the project.

Customer:	Eser Company Co. Inc. <a href="http://www.eser.com">www.eser.com</a>
Representative in Turkey:	Ertem Sanitary Co. <a href="http://www.ertem-sanitary.com">www.ertem-sanitary.com</a>
System:	GEP-Watermanager GWA
Treatment capacity:	max. 2.000 Litre/day