



# WASTE WATER TREATMENT FOR RENEWI SMINK

#MBR  
#REUSE

Due to the age of the existing waste water treatment plant Logisticon Water Treatment was asked to supply a new wastewater treatment plant for Smink Waste Treatment, part of Renewi. Smink is collecting, processing and recycling of waste products since 1955 and manages a landfill in Amersfoort, the Netherlands. At this landfill leachate water needs to be treated before final discharge. The new leachate waste water treatment plant is designed for a hydraulic capacity of 720 m<sup>3</sup>/day. It contains the same technology principle as the 20-year-old installation, but now with new generation ZeeWeed ZW500D

LeapMBR Zenon membranes for an energetically optimal design. The new installation consists of an equalization tank (200 m<sup>3</sup>), aeration tank (300 m<sup>3</sup>), permeate tank (200 m<sup>3</sup>) and a stainless steel membrane tank for the MBR modules. The technical installation is completely pre-fabricated in 4 insulated containers that have been further assembled on site. By using temporary mobile water treatment equipment from Logisticon mobile water rental solutions, the old purification has been able to function normally until the start of the new MBR installation.



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