



DESCRIPTION OF A RO + CD MODULE SYSTEM FOR LEACHATE TREATMENT

BY MFT

RO + CD Module System for Leachate Treatment

Project: Leachate Treatment for USF MEMCOR in England

Client: USF Memcor

Location: England

Capacity: 440 m³/day

Technologies: CD Module /Spiral Wound.

Description: The described mft RO system is a RO membrane followed by CD module system for the treatment of leachate. The system is equipped with plate modules of mft. This modules are patented and specially constructed for the treatment of highly contaminated waste water.

In the first RO stage (ROI) the organic and/or mineral contaminated raw water of the landfill will be treated. The design of the equipment was based on the maximum concentration values of the waste water.

The permeate of ROI will be polished in a additional membrane stage. This is because some of the effluent parameters are not in compliance with or to close to the limit values. Therefore the permeate of the ROI is again treated in a permeate stage. This stage is equipped with patented plate modules of MFT.

