

Lee/Hendry County Landfill

Leachate Water Treatment



Year: 2004

Start-Up Date: 7/2005

Client/Owner: Lee/Hendry County

Engineer: Hazen & Sawyers

Location: Ft. Myers, FL, USA



Application: Polishing land fill leachate before disposal to evaporation pond.

Scope of Work: Submerged spiral wound membrane UF system, RO System, Clean-in-Place skid, startup, commissioning and training.

Operation Data: Feed water TDS: xxxxxxxx,
Permeate TDS: xxxxxxxx,
Permeate flow: 57,600 GPD,
Recovery: 75%,

Capacity: 40,000 GPD

Project Summary: Due to more stringent regulatory requirements, the disposal of leachate water is becoming more difficult. This project was to design a system to treat the leachate from the landfill before safely dumping it to an evaporation pond for natural evaporation and soak away.

