Ultrafiltration + Nanofiltration + Ionen exchanger

Recycling

APLICCATION:

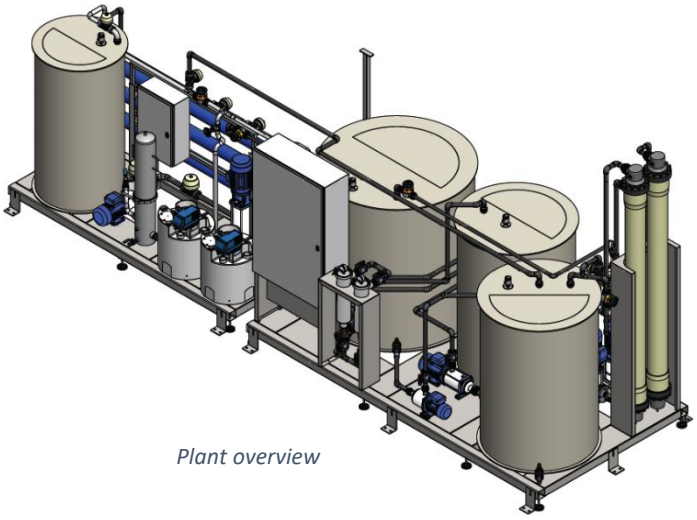
- Thermal soil remedation
- Separation of suspended solids and heavy metals, esp. mercury

PROCEDURE:

- prefilter 25 µm with back wash
- Ultrafiltration, Hollow fibres made from for PVDF separation of suspended solids
- Nanofiltration, winding module elements, for separation of heavy metals
- 2 Selective exchanger on resin base absorbs the residual concentration of heavy metals (fully loaded resins can be externally regenerated or disposed of)
- CIP-Station for chemical cleaning
- Full automatic control
- Permeat indicert discharge into the sewer network

REALISATION: 2022

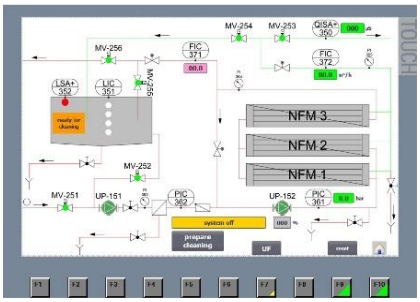
LOCATION: Australia



Plant overview

View of the plant before delivery

Parameter/Technical Data	
Temperature	Max 60 °C
pH	2 - 14
Permeat performance	3,0 m^3/h
Working pressure	Max. 8 bar
Installed power	15 kW



Control panel

CIP-Station for chemical cleaning

Plantoverview

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