Membrane Processes

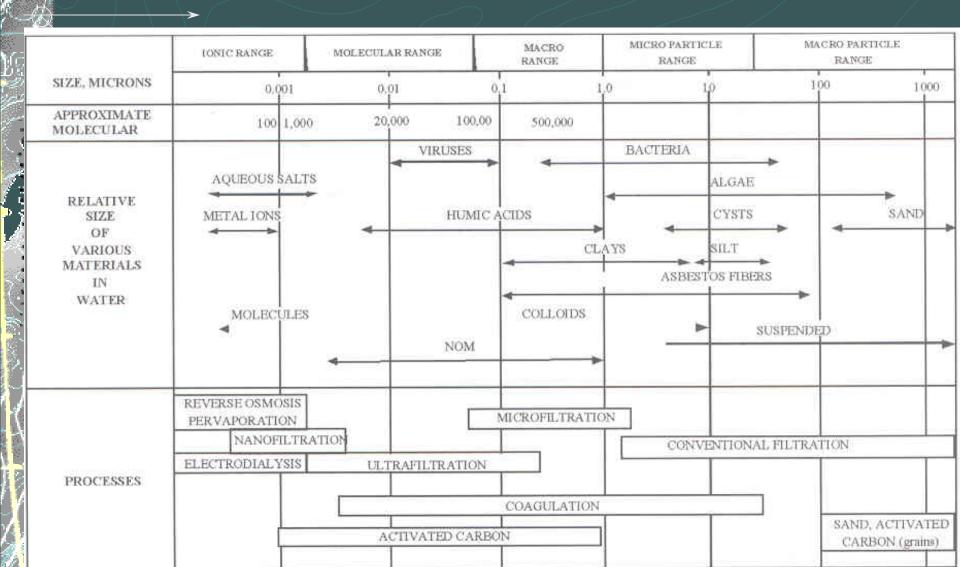
Reverse <u>osmosis</u> (RO)

Primarily used to remove s<u>a I+s</u> from brackish water or seawater desailination.
Has a high rejection of synthetic organic chemicals (SOCs)

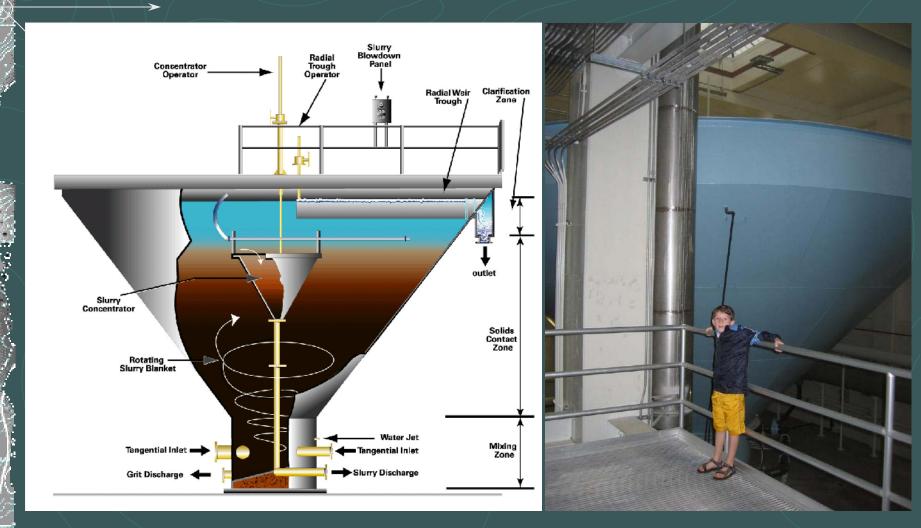
Ν<u>ανο</u> filtration (NF)

- often used for water softening and to remove precursors to disinfection byproducts.
- E <u>lactrodialysis</u> (ED)
 - demineralize brackish water and seawater, also water softening.
- Ultra filtration (UF)
 - <u>turbidity</u> and <u>pathogen</u> removal
- M <u>τ</u> c γ o _____filtration (MF)
 - turbidity and pathogen removal
- Solute decreases as sile of solute decreases

Membrane Processes















Water Treatment Plants

