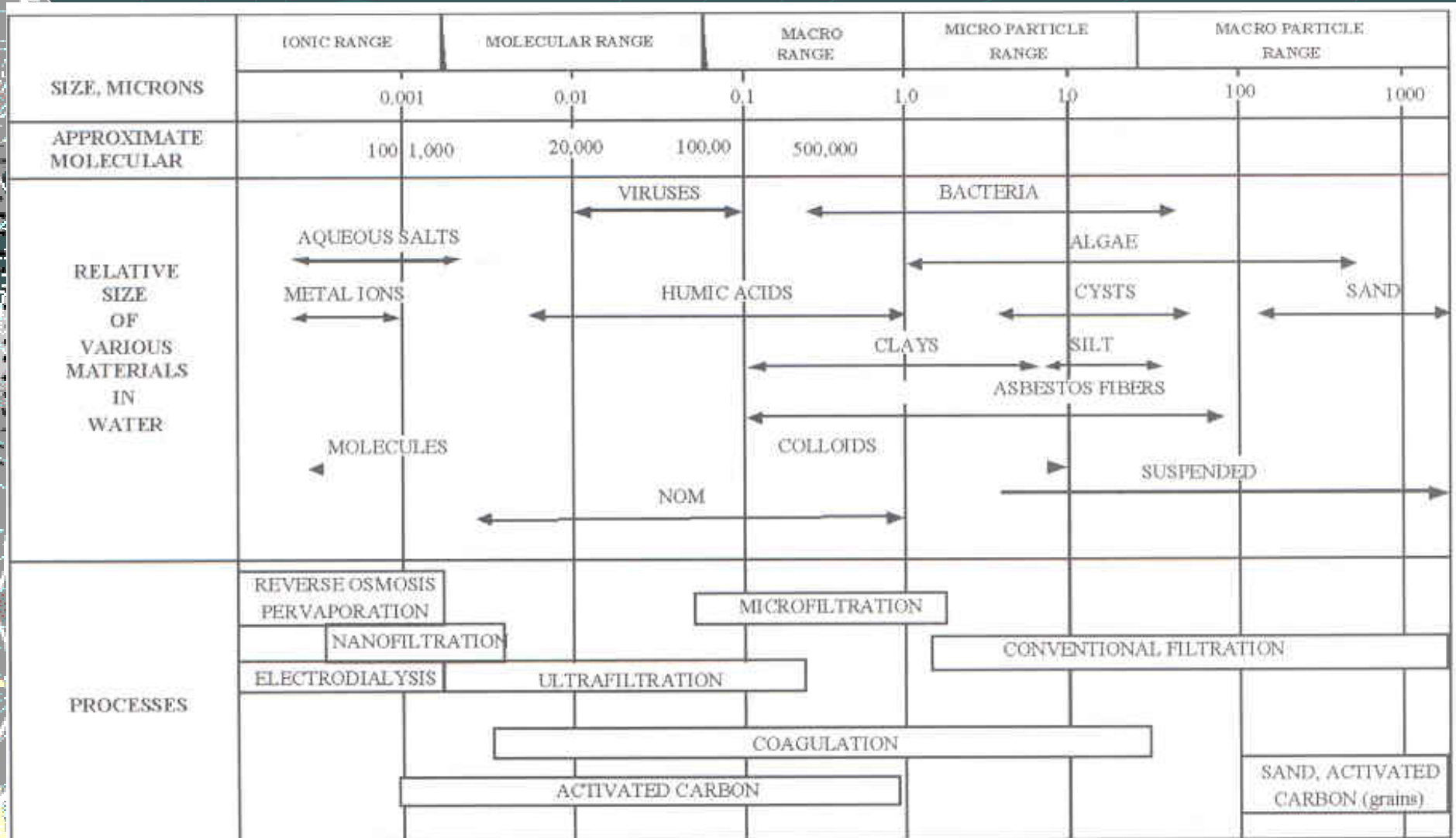
Membrane Processes

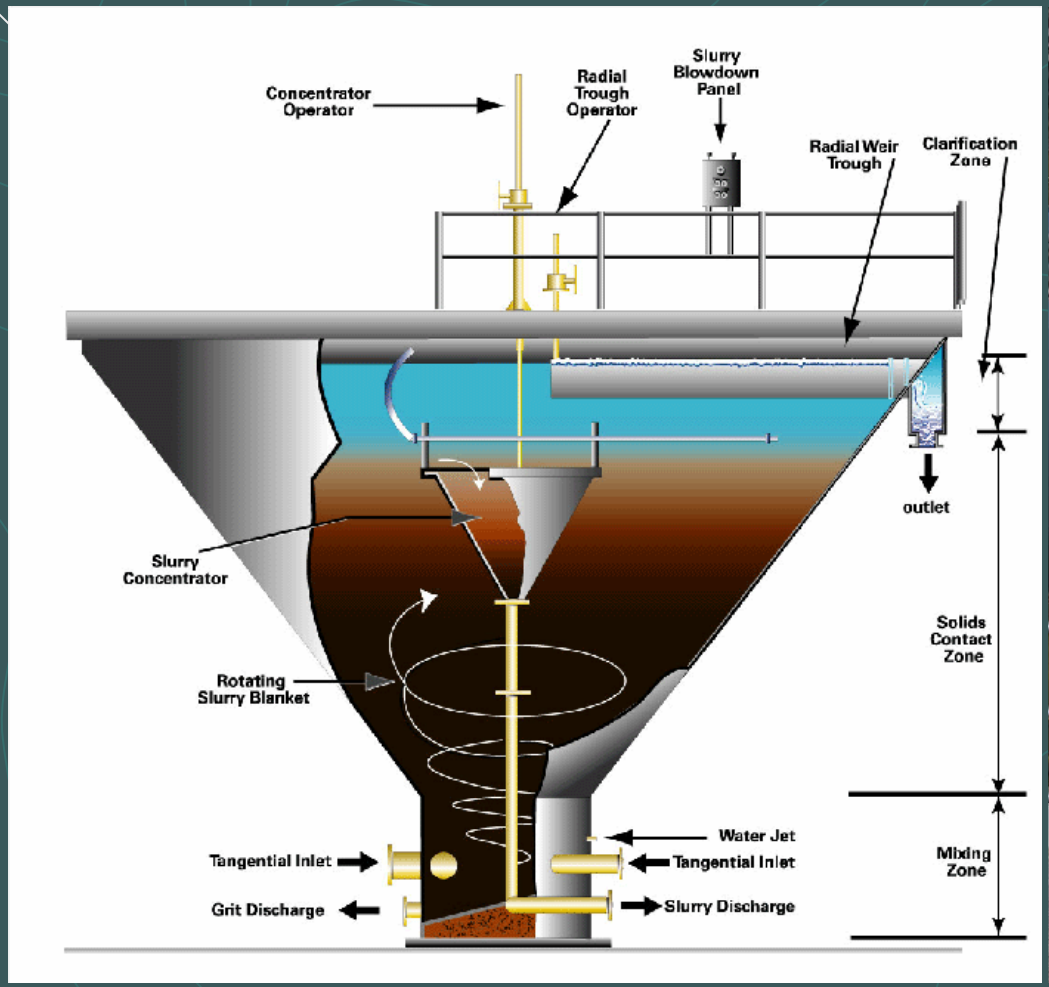
- R_____ o_____ (RO)
  - primarily used to remove s_____ from brackish water or seawater desailination. Has a high rejection of synthetic organic chemicals (SOCs)
- N_____filtration (NF)
  - often used for water softening and to remove precursors to d_____ byproducts.
- E_____ (ED)
  - demineralize b_____ water and seawater, also water softening.
- U_____filtration (UF)
  - t_____ and p_____ removal
- M_____filtration (MF)
  - turbidity and pathogen removal
- Cost of treatment increases as s_____ of solute decreases

Membrane Processes



Boone Water Treatment Plant

Boone Water Treatment Plant



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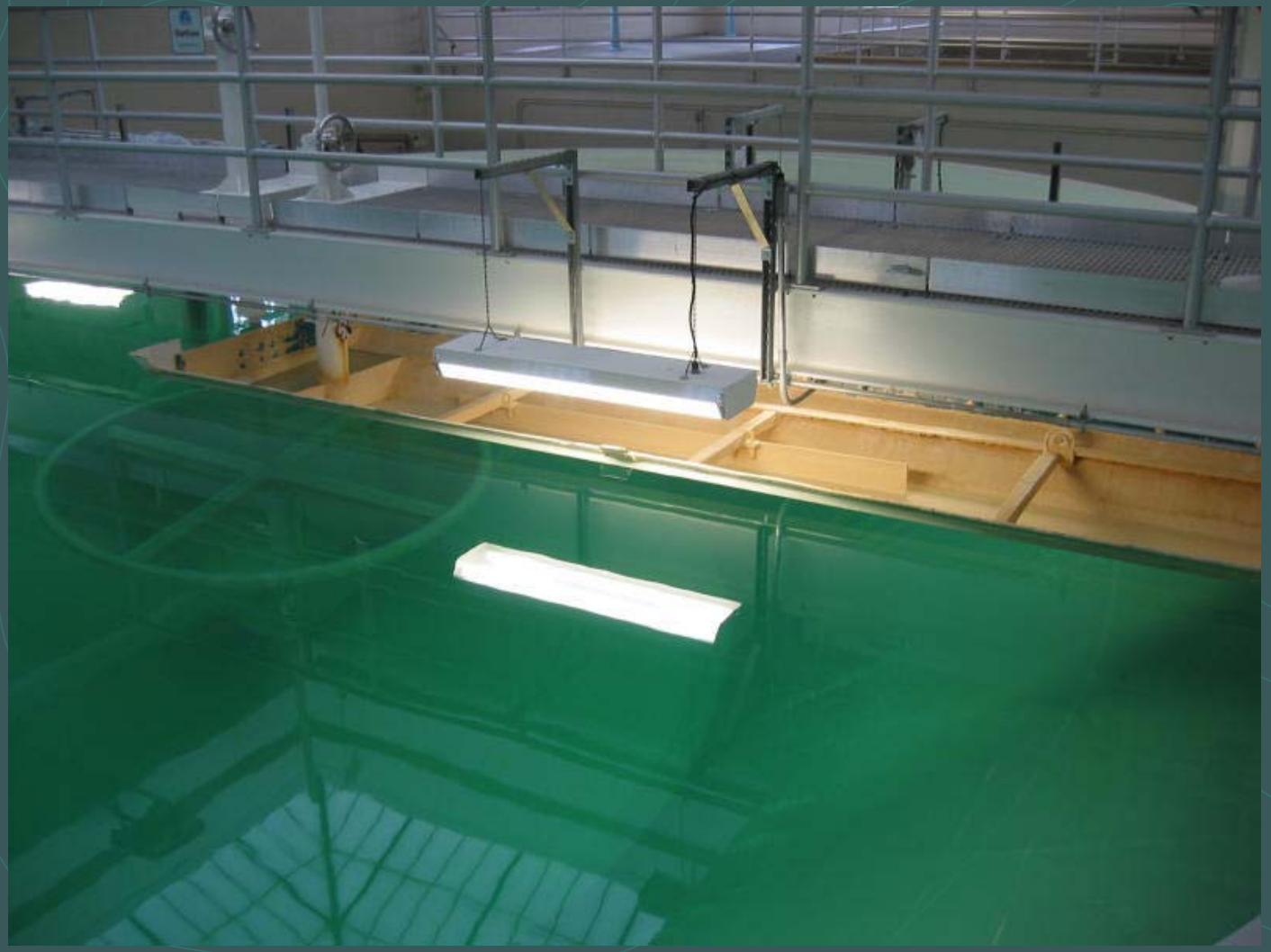

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Water Treatment Plants