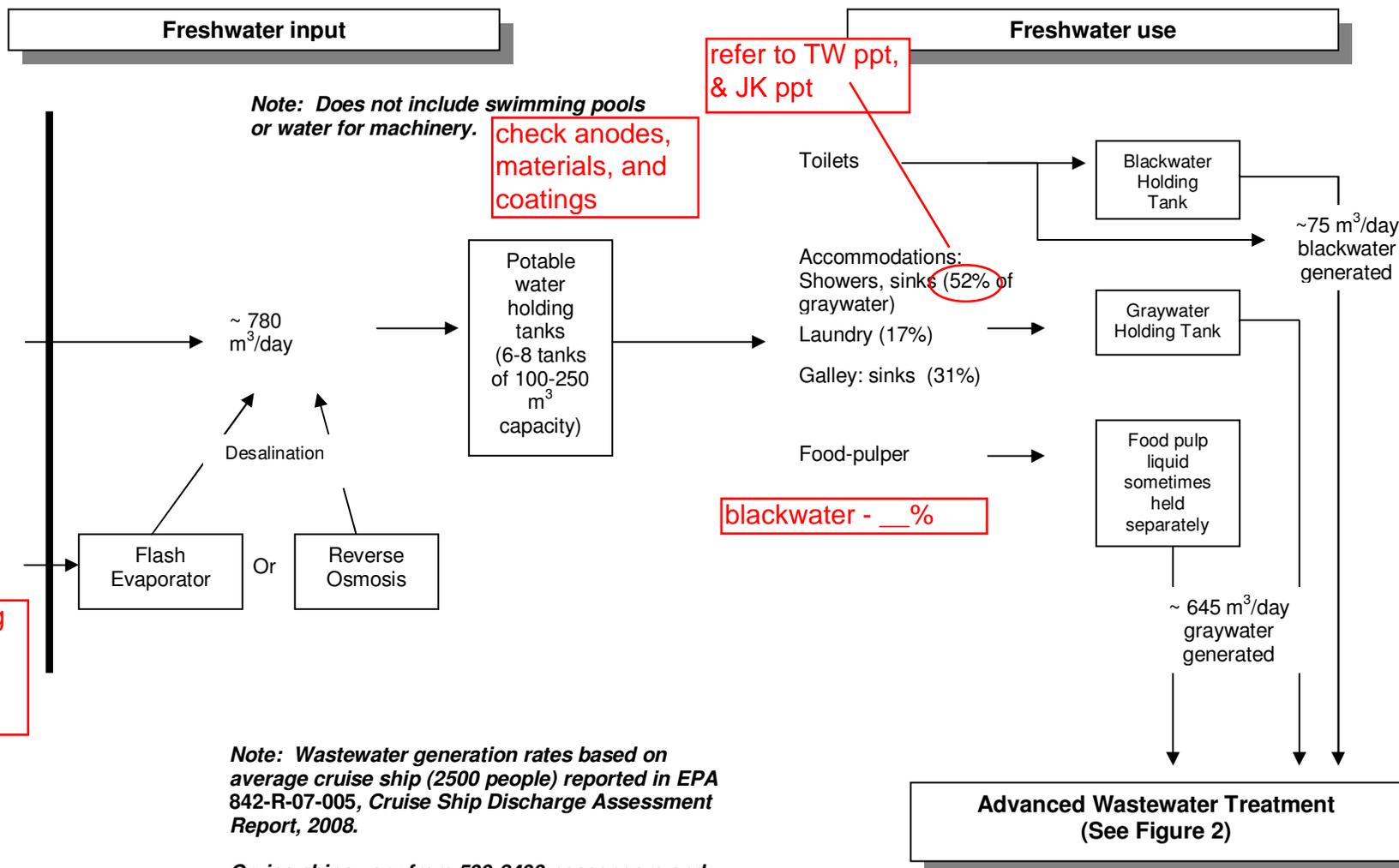


FIGURE 1
Cruise ship freshwater use
Simplified schematic for ship with 2500 passengers and crew

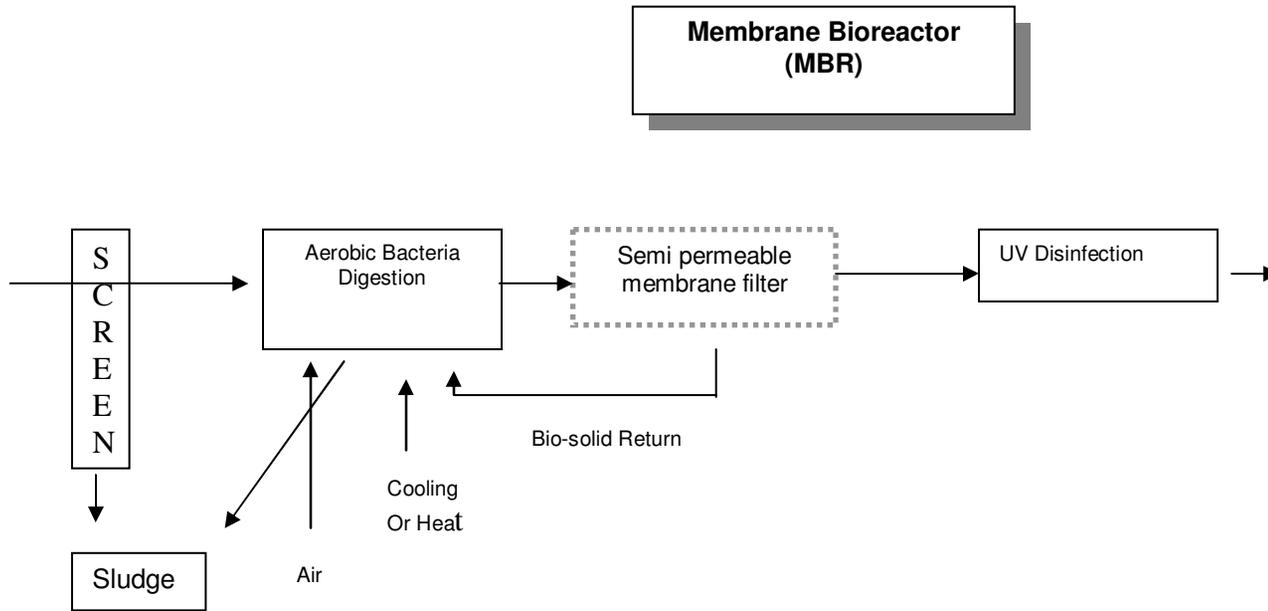


Note: Wastewater generation rates based on average cruise ship (2500 people) reported in EPA 842-R-07-005, Cruise Ship Discharge Assessment Report, 2008.

Cruise ships vary from 500-8400 passengers and crew.

*Or.....
Overboard if allowed by location and regulation.*

FIGURE 2
ADVANCED WASTEWATER TREATMENT SYSTEMS
Simplified schematics



Bio-process and DAF

