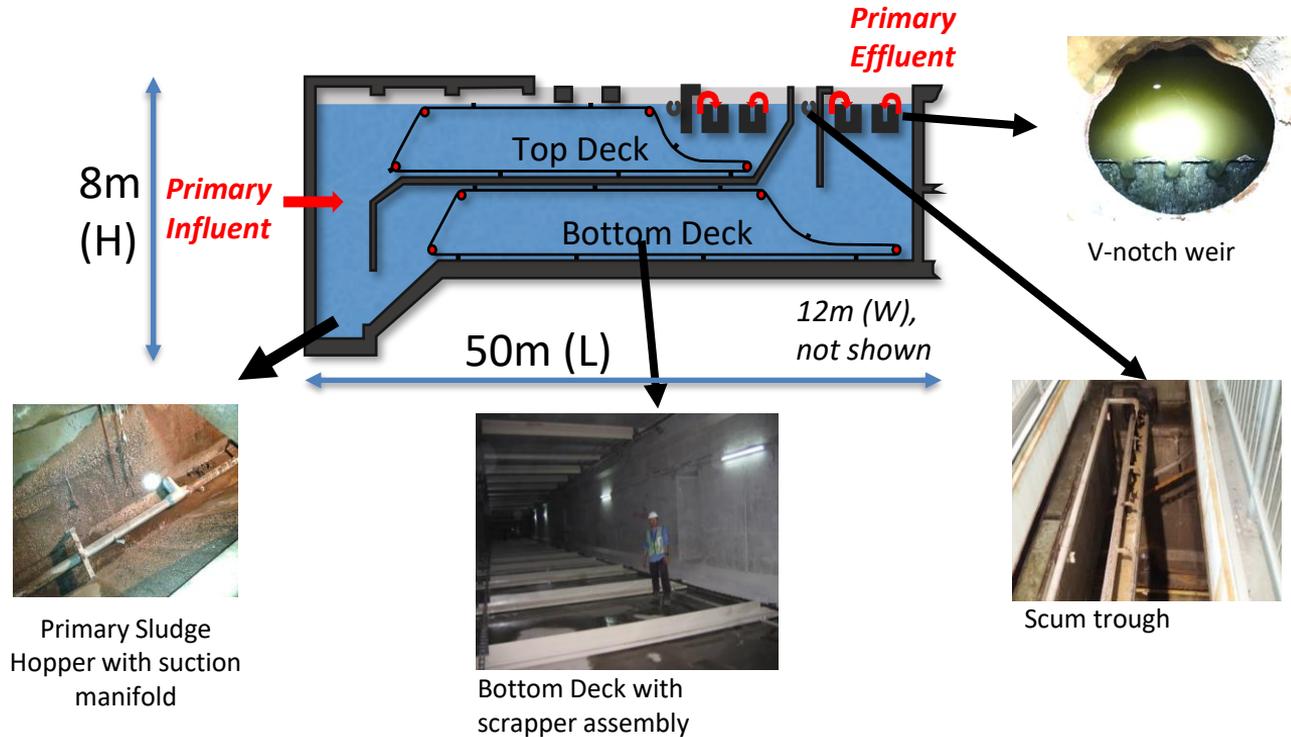


Primary Sedimentation Tanks (PST)

Cross Sectional View

Primary sedimentation tank removes both settleable (sludge) and floatable (scum) materials from the used water. In Changi WRP there are 8 no. rectangle stacked decks primary sedimentation tanks in each liquid module. Stacked deck design is employed to reduce the overall plant footprint.



Primary Sludge Hopper with suction manifold



Bottom Deck with scraper assembly



Scum trough

Primary Sedimentation Tanks (PST)

Plan View

