

The comprehensive sewage treatment in Hong Kong



After the visit to the Sai Kung Sewage Treatment Works, we found that the sewage treatment in Hong Kong is rather comprehensive!

There are different processes to treat the sewage, they even classify the treatment into primary, secondary and tertiary which use the method of combining physical, biological and chemical processes.

The photos shown above are the technologies used to carry out sewage treatment in Hong Kong, the left-hand side harrow used to screen and remove the grit in the beginning. The right one is the final sedimentation tanks; there are totally two machines in the works, primary one and final one, the final one aims at minimizing the suspended solids in the sewage before it was draining to the sea.

Moreover, they'll use UV-light to kill the bacteria in the sewage as well as the sludge digestion and sludge dewatering to minimize the volume of the sewage. This can protect the marine organisms and reduce the harmful effects we brought to the sea.