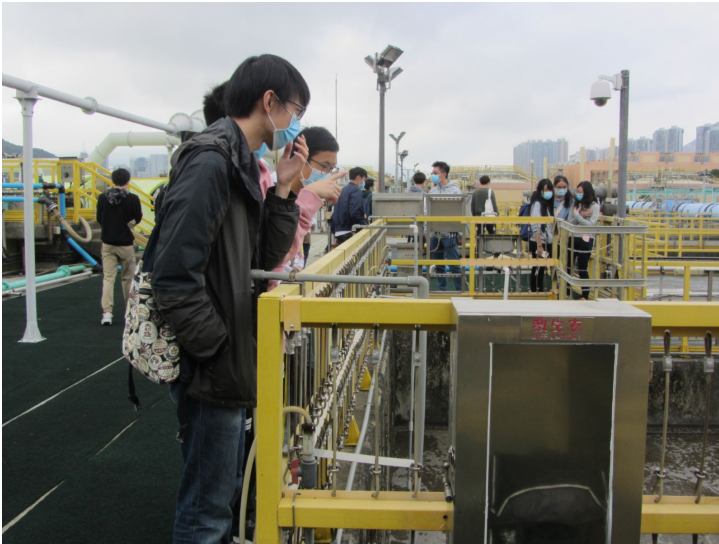


VISIT to Shatin Sewage Treatment Works



The Faculty of Science and Technology had organized visits to Shatin Sewage Treatment Works @ Drainage Services Department on 24 January 2020.

A total of 20 students who study AST21205 Urban Environmental Initiatives and Industries course (from ASc in Environmental Studies) joined these activities. These visits were led by Judy KIU.

Shatin Sewage Treatment Works (Shatin STW) is the largest secondary sewage treatment works in Hong Kong. It occupies 28 hectares of land and serves a population of 600,000 in Shatin and Ma On Shan Districts, which produces 250,000 m³ of sewage per day.

Staff used a video show to introduce the sewage treatment processes, which include :

1. Screening and degritting,
2. Primary sedimentation,
3. Secondary biological treatment,
4. Final sedimentation,
5. Sludge digestion, and
6. Sludge dewatering.

Eventually those dewatered sludge will be sent to the landfill site.

Lastly, we visited the Reclamation Water Facilities. One-third of the reclaimed water produced will be used for in-house irrigation and two-third for preparation of chemical. After the visit, students understood more about the operations of the sewage treatment.



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PHOTO FEATURES

