

4D Cheng Sui Ying 4E Cheung Chui Yi

A trip to sewage treatment plant



Secondary (Biological) Treatment



Primary Sedimentation

Review:

I think it is a good way to learn chemistry by visiting treatment plant and understanding the process of sewage treatment. Since treatment plant involves chemistry such as sedimentation, we can know more about how big industries work by visiting the facilities. For example, we usually use filtration to remove sand from sewage in laboratory. However, in treatment plant, they use a mechanical bar screens to remove solids exceeding 10mm. The process was out of my expectation.

Apart from learning chemistry, I also understand the importance of protecting the environment. Since the treated effluent is discharged to the sea, the main purpose is to keep the quality of sea water. If we do more on protection, then less sewage treatment.