

NAME: Wong Wai Yan CLASS: 4E NUMBER: 35 (X39)

In 1st April, we went to the Ma on Shan Water Treatment Works to have an investigation on it in the morning. There is a lot of water treatment process. In different process, there is different chemical dosing. I know different uses of it , for example, the polymer dosing can let the anion react with anion and cation react with cation , I can learn more and understand how the raw water change into treated water (example ,add chlorine , filtered etc.)Also, we know the sedimentation basin that help the useless water do filtration again. The wind blow the chemical (chlorine) up and the waste will go away through water. It's just unbelievable that the recycle of water can be so amazing. When the dirty water concentrated again, there is some biscuit-like waste is formed.

In the afternoon, we went to the CUHK, during a talk in a hall, I know that some structure of machine, example, morphine, heroin, that how to affect people in the body, I just think too difficult and just understand a bit. After that, we went to the chemistry laboratory to enhance our horizon. I just realized that the apparatus in the CUHK is so great and powerful, examples are hydrogen / nitrogen generator, high pressure liquid chromatography. It helps a lot in the daily life, and I find it must be very fun when I further learn those in the future.