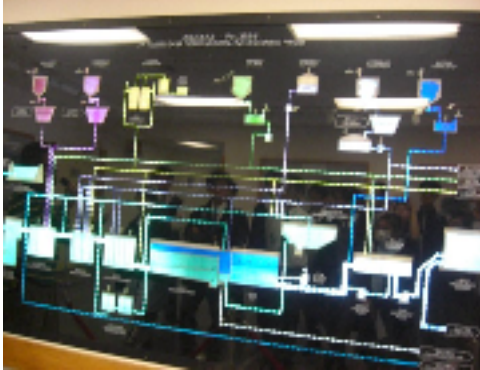


Life-wide Learning Report
Trip to Ma On Shan Water Treatment Work
Name: Chan Tsz Wa (01) & Yuen Ka Tsun(31) Class: 6S

On 1st April, 2010, we have been to Ma On Shan Water Treatment Work. It was a



good experience for us to know how the water treatment process works. Raw water is first collected from rivers and dams to the water treatment plant. Different chemicals are added during the process such as alum, lime, to allow impurities in water to form a larger particle and then coagulate. After several processes, treated water is available for us to use.

This learning day is such a great experience to let us know the process of treating raw water from Dongjiang and rain water from local reservoirs. Every day when we turn on the water tap, we never think of how the water comes. In fact, every drop of water is precious to us. This is because there are lots of processes included in treating raw water. To have a cup of drinking water which has no bacteria and prevents tooth decay, there are more chemicals to be added into it, such as fluorine and chlorine. As drinking water is valuable, we have to try our own best to safe the water. Otherwise, drought is more likely to be happened in HK in the future.



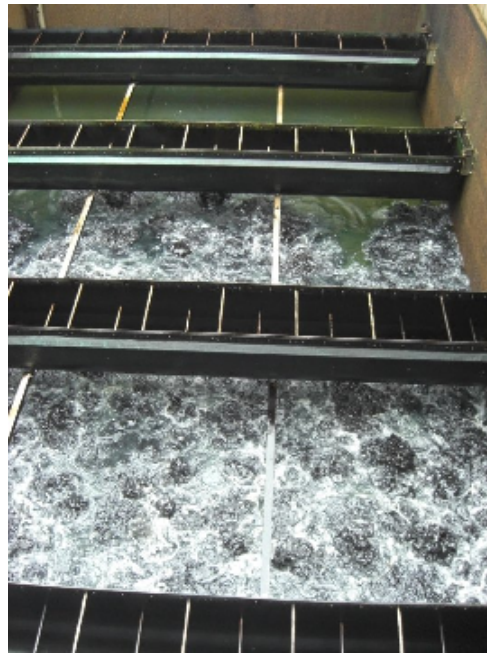
Alum is added to allow impurities in water to form a larger particle



It is then pass to flocculation tank. larger particles are then coagulated.



Water is flowed into filter of active carbon and sand to remove fine suspensions.



** sometimes, air of low pressure will be pumped into the water to clean the filter



Suspensions are then pass back to washwater recovery tank and then back to flocculation tank after some process.