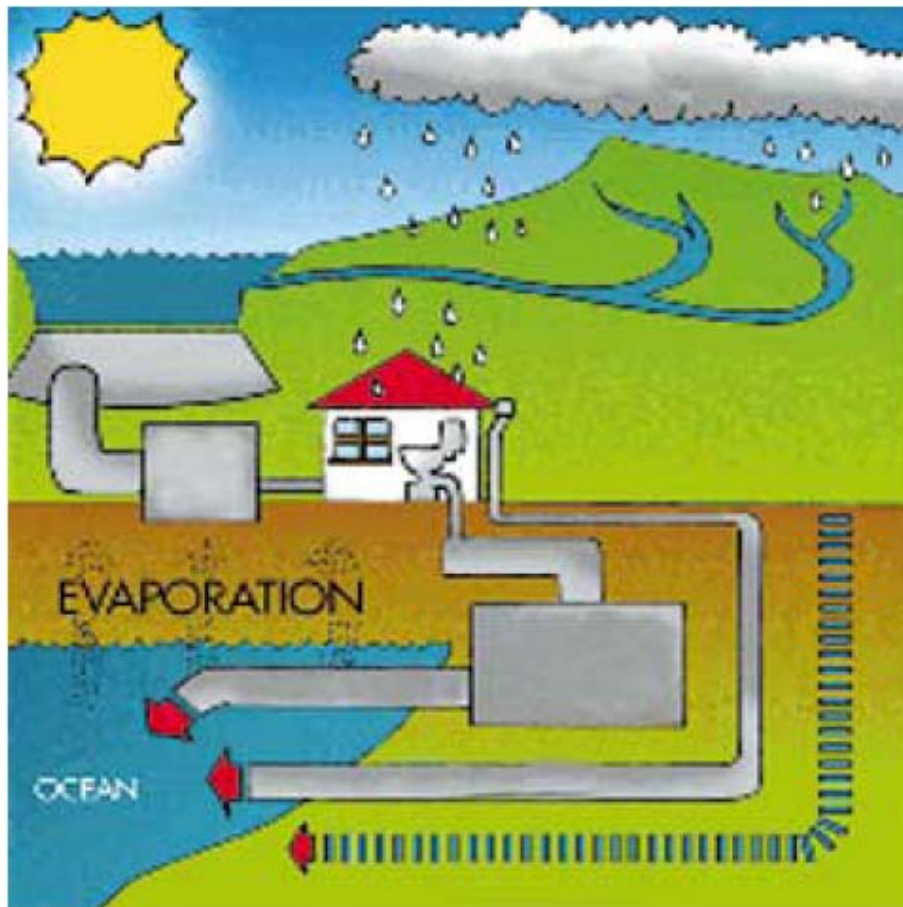


# CAPTURING RAIN

## Activity 2

The natural water cycle is interrupted by people because we build dams and storage lakes to collect and store water. This water is carried to their homes by underground water pipes. Once water is used and made dirty, it is removed from people's homes by the wastewater pipe system. Wastewater is then treated and returned to the natural water cycle. Treated wastewater is called 'wastewater effluent'.



1. Write these words onto the correct part of the picture:

dam	groundwater	rain clouds	wastewater effluent	storage lake	stormwater	water treatment	wastewater treatment
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- Not all homes are connected to the city water and wastewater systems. Homes in Wainui or Makorori have water tanks which collect water from the roof. Wastewater is collected and treated on the section in an underground septic tank. Re-draw the picture to show how homes using tank water and septic tanks are still part of the natural water cycle.
- If the average Gisborne household uses about 820 litres of water a day, how many litres would your family use in a day?