

Resource 7

❖ The water cycle with human impacts (Concept map)

Bulk storage dam

- › The water that falls in the dam catchments runs into the dams and is caught behind the dam wall.

Bore water/groundwater

- › Some areas need groundwater, which is supplied through construction of a bore.

Sewage treatment plant

- › Water that is used in the home, industry and city businesses is treated for release into waterways or the ocean.

River for discharge

- › Treated water (effluent) is discharged into creeks, rivers or the ocean.

Water recycling

- › Treated recycled water is used for a range of agricultural and industrial purposes such as power stations.

Water treatment plant

- › Water is piped from dams to water treatment plants and treated for drinking.

Sewage

- › Household and industrial waste, known as sewage, is transported (via pipes) to a sewage treatment plant.

Evaporation

- › Water evaporates into the atmosphere and rises, eventually cooling to form clouds.

Stormwater drains

- › Stormwater runs into drains and is piped to a waterway or the ocean.

Home, business or industry

- › Water is piped from the water treatment plant to homes, businesses and industry.

Precipitation

- › When rain falls, it may be harvested in catchments as run-off into the dams that provide communities with a water supply.

Waterways

- › Water in catchments flows down creeks and rivers and into the sea.