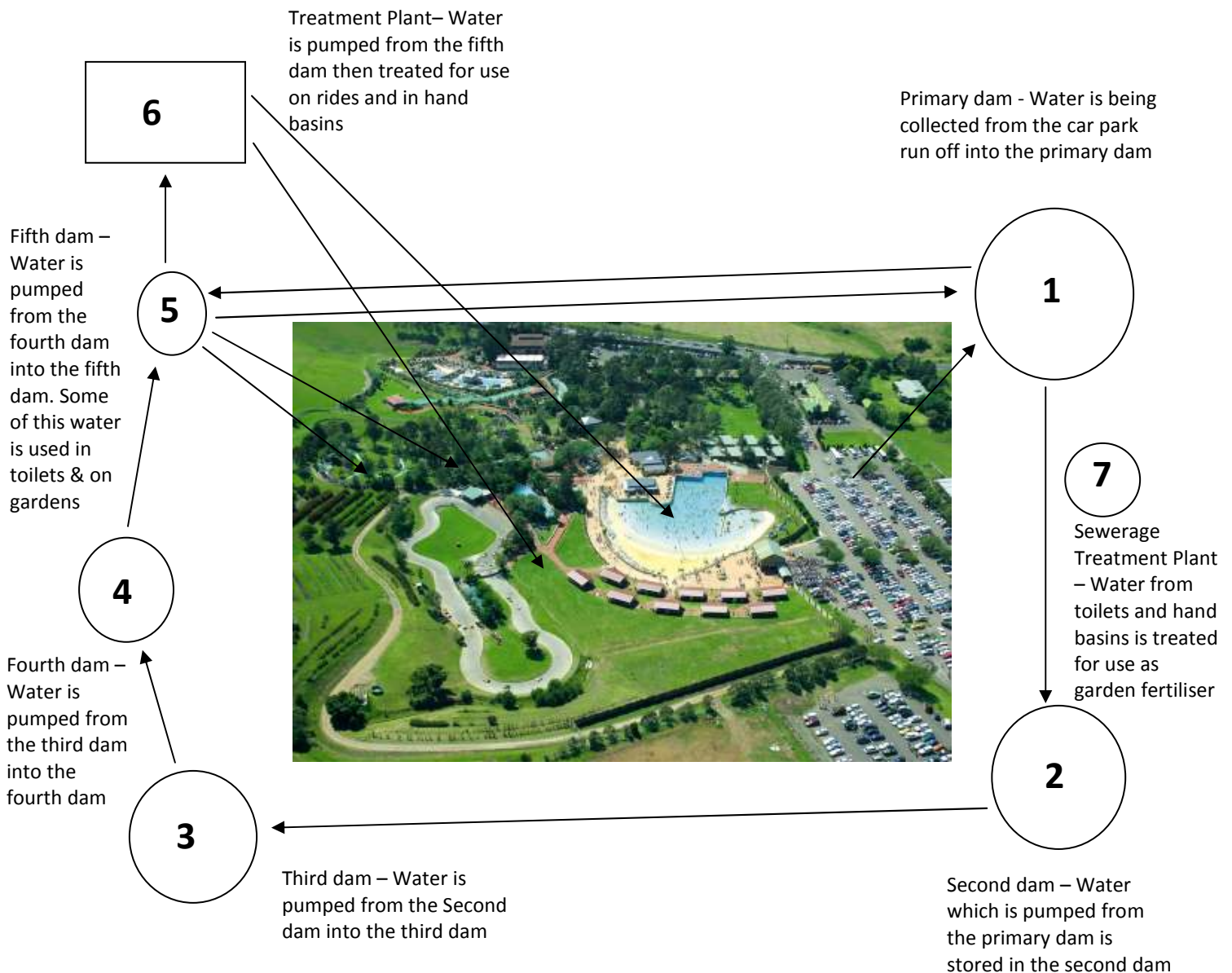


## The life cycle of water at Jamberoo Action Park - Teachers Notes

Exercise 1: Fill a glass with water and place it on a windowsill. Each day, use a ruler to measure the water level in the glass. What is happening to the water?

**Answer:** The water level is getting lower because the water is evaporating

Exercise 2: Label each of the numbers on the diagram. Also label what is happening to the water at each point on the diagram and where it is being sent to.



Question 1: Where does the primary dam get its water from?

**Answer:** Run off mainly from the car park

Question 2: What kind of water at Jamberoo is used untreated?

**Answer:** Toilet water and garden water

Question 3: Name 2 places at Jamberoo where water is treated and explain what the treated water is then used for:

**Answer:** The treatment plant and the sewerage treatment plant. Water from the treatment plant is used in the rides and hand basins. Water from the sewerage treatment plant is used for fertilizing gardens.

Question 4: Can you name a chemical used to treat water at Jamberoo and explain what it does?

**Answer:** Any of the outlined chemicals in the worksheet

Exercise 3: Draw a picture diagram of each of the chemicals listed and show how they are working.

Discussion 1: How do you think climate change might affect Jamberoo?

Discussion 2: Why is recycling water important?

Discussion 3: Can you think of some ways you can reduce water loss at home?