



WATER OPERATORS:

DELIVERING SAFE WATER EVERY DAY

Activity Book

CAREER DAY



Help Jamie show her friends how her dad keeps our water safe every day!

To learn more about the value of water visit:
www.epa.gov/waterresilience.



Office of Water (4608T)

EPA-817-K-19-002

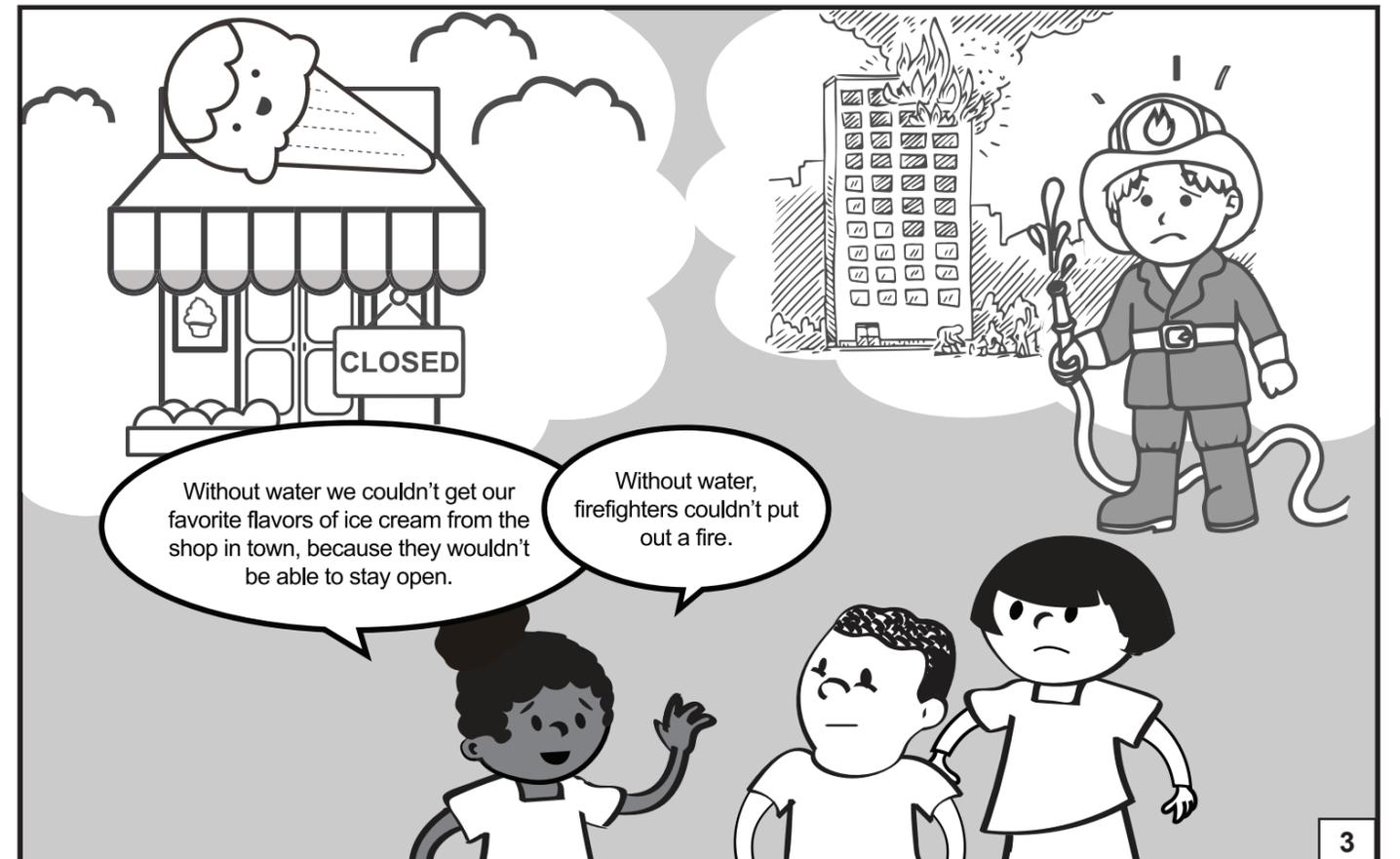
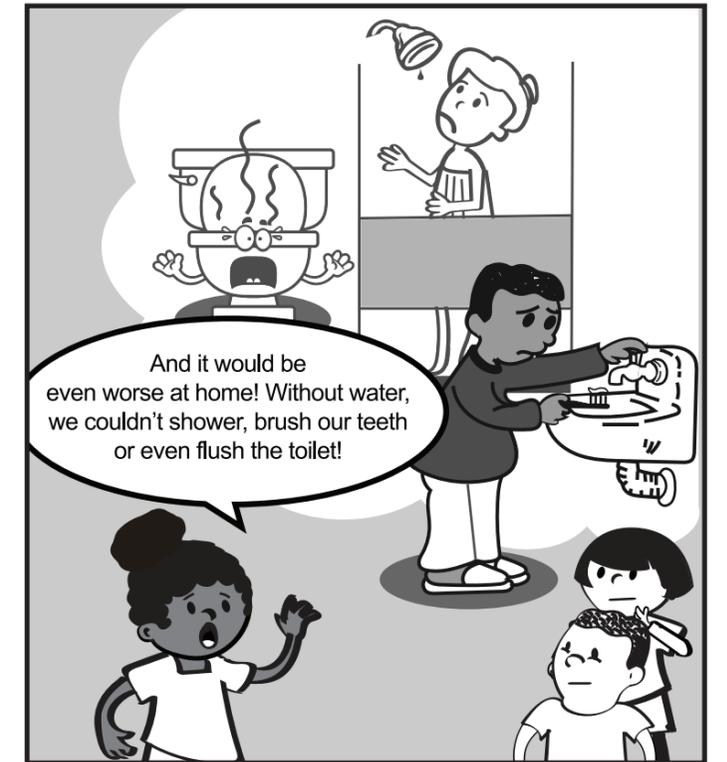
December 2019



Emergency Preparedness



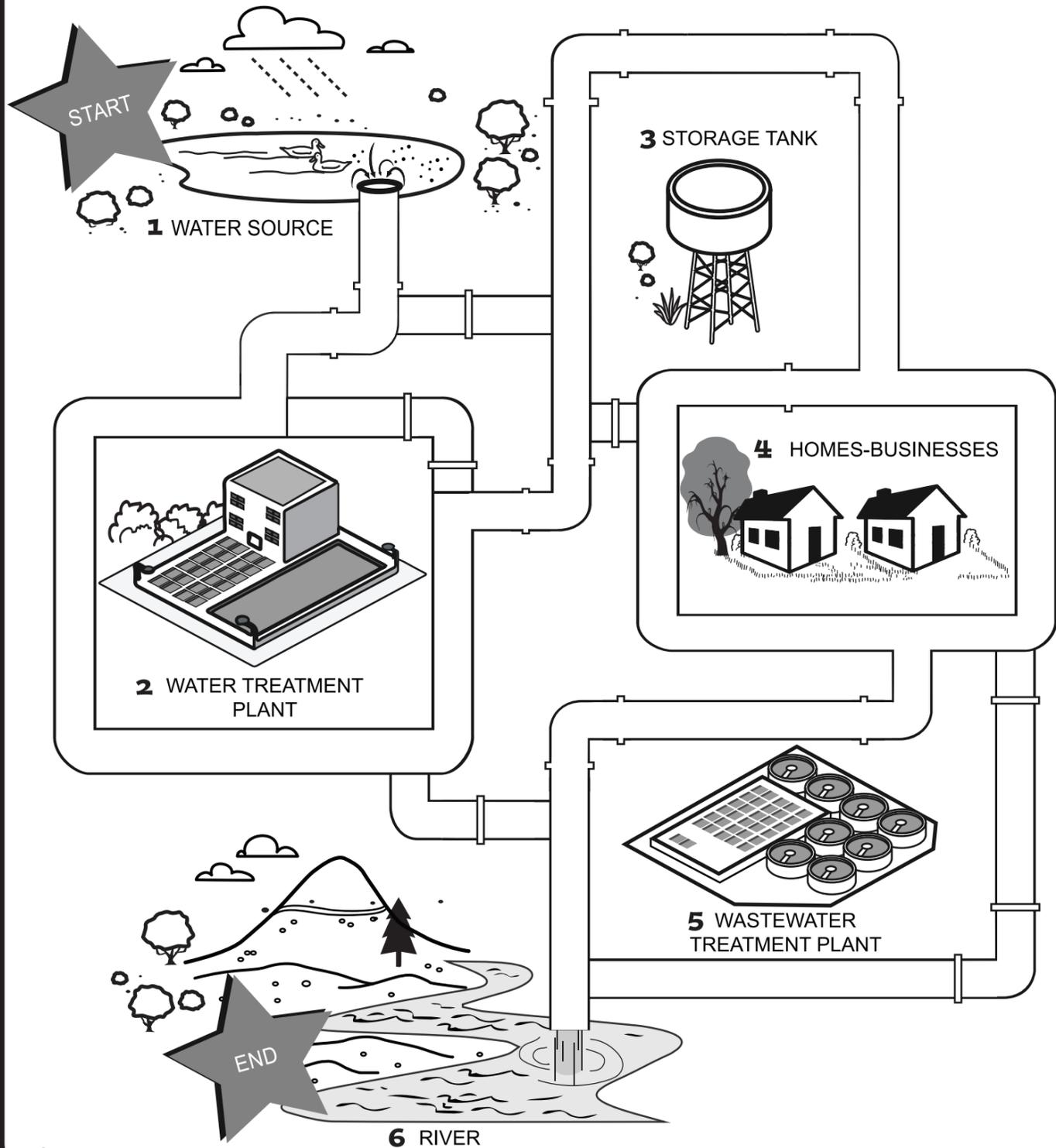
Imagine a Day without Water



Maze

Follow your water through each step of the water system from start to finish. The answer key at the back of the activity book will allow you to review your responses.

TIP Tell an adult if you see a leaky faucet.



Crossword

Complete the crossword by filling in a word that fits each clue. The answer key at the back of the activity book will allow you to review your responses.

ACROSS

- Items such as dirt, leaves and germs that water operators remove from drinking water.
- Water that has been used by people for washing, flushing and cleaning.
- Where water is held after treatment but before people use it (two words).
- What everyone needs to do to make sure they are ready for a water emergency.

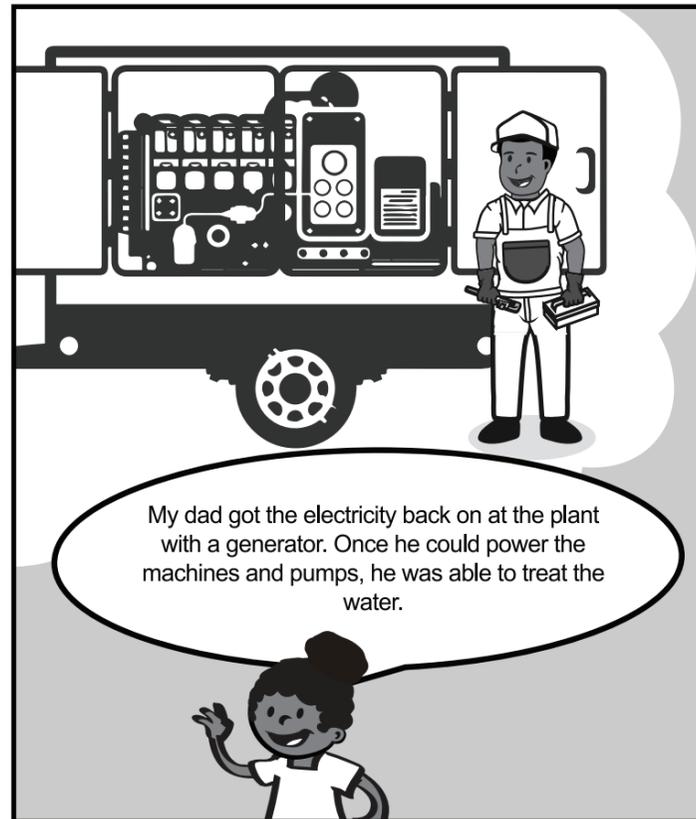
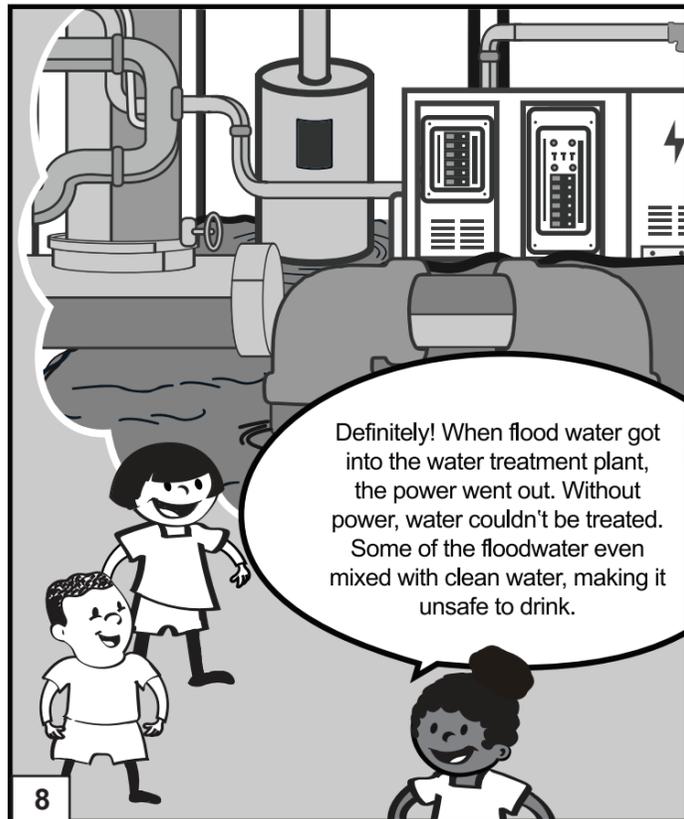
DOWN

- The person who provides safe drinking water for a community.
- Pipes that take water from the treatment plant to homes, schools and other buildings (two words).
- The number of gallons per person of bottled water you should have at your house in case of an emergency.

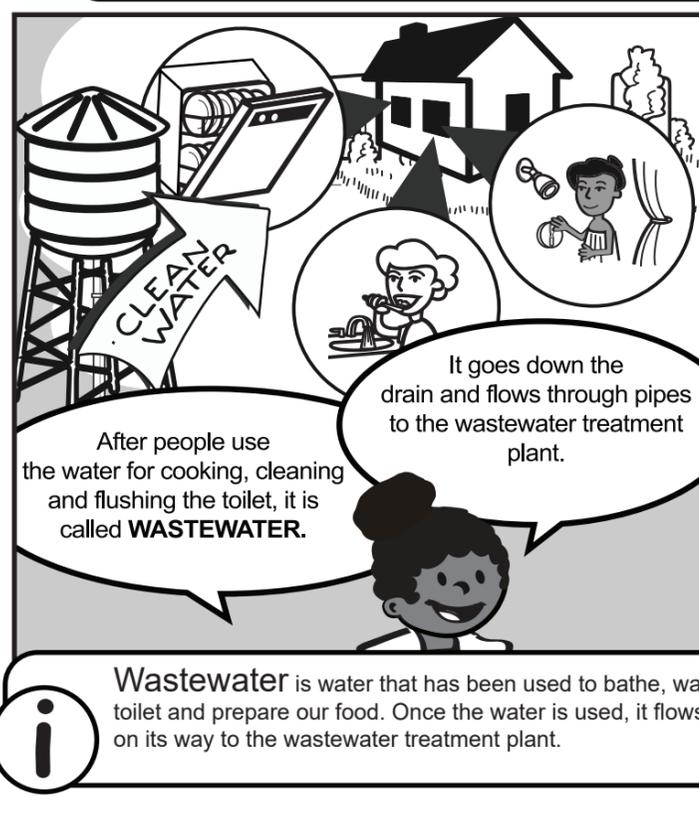
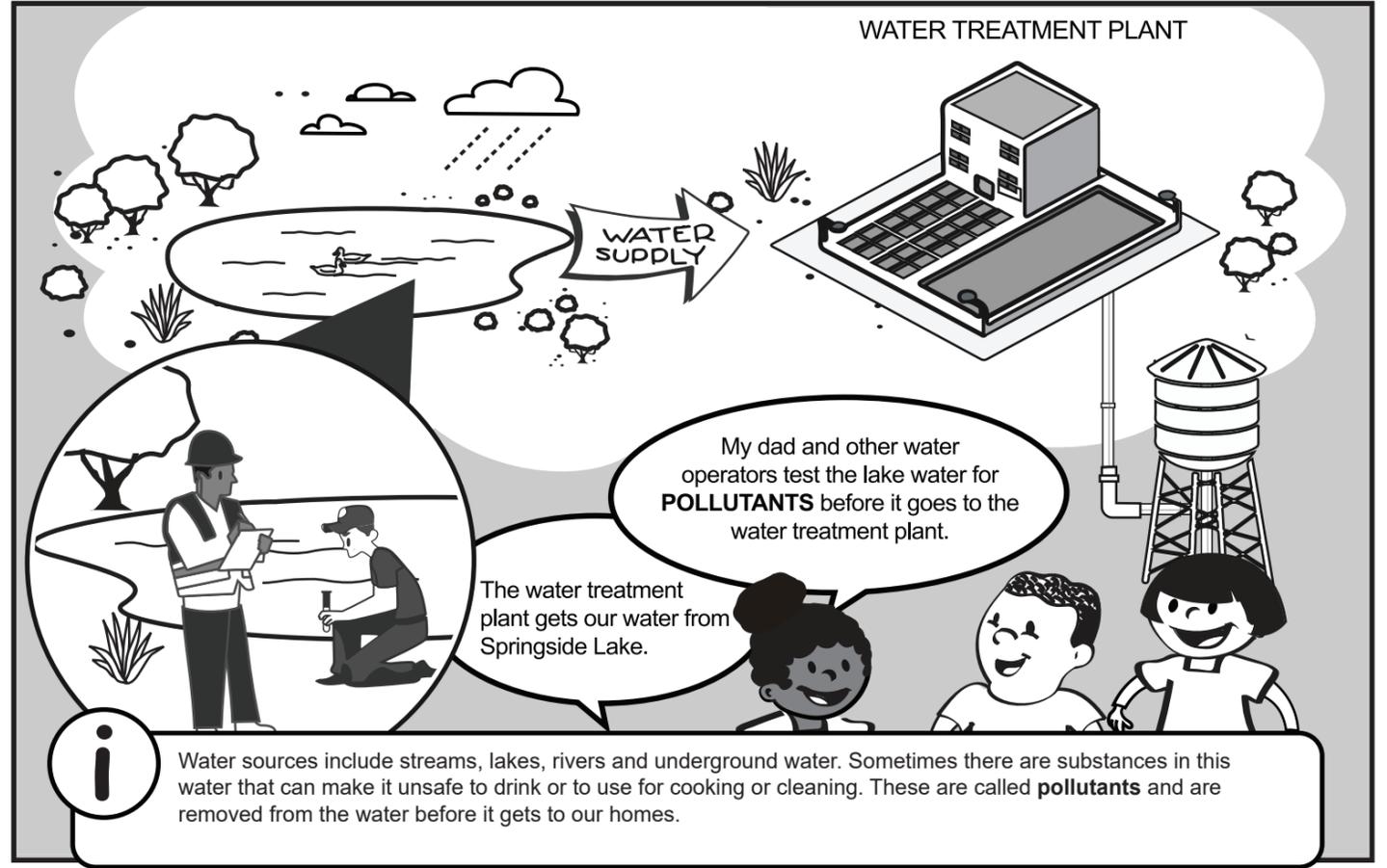
WORD BANK

Water Operator	Three
Pollutants	Storage Tank
Wastewater	Prepare
Water Mains	Community

Emergency Response and Recovery



Behind the Scenes: Delivering Water Services

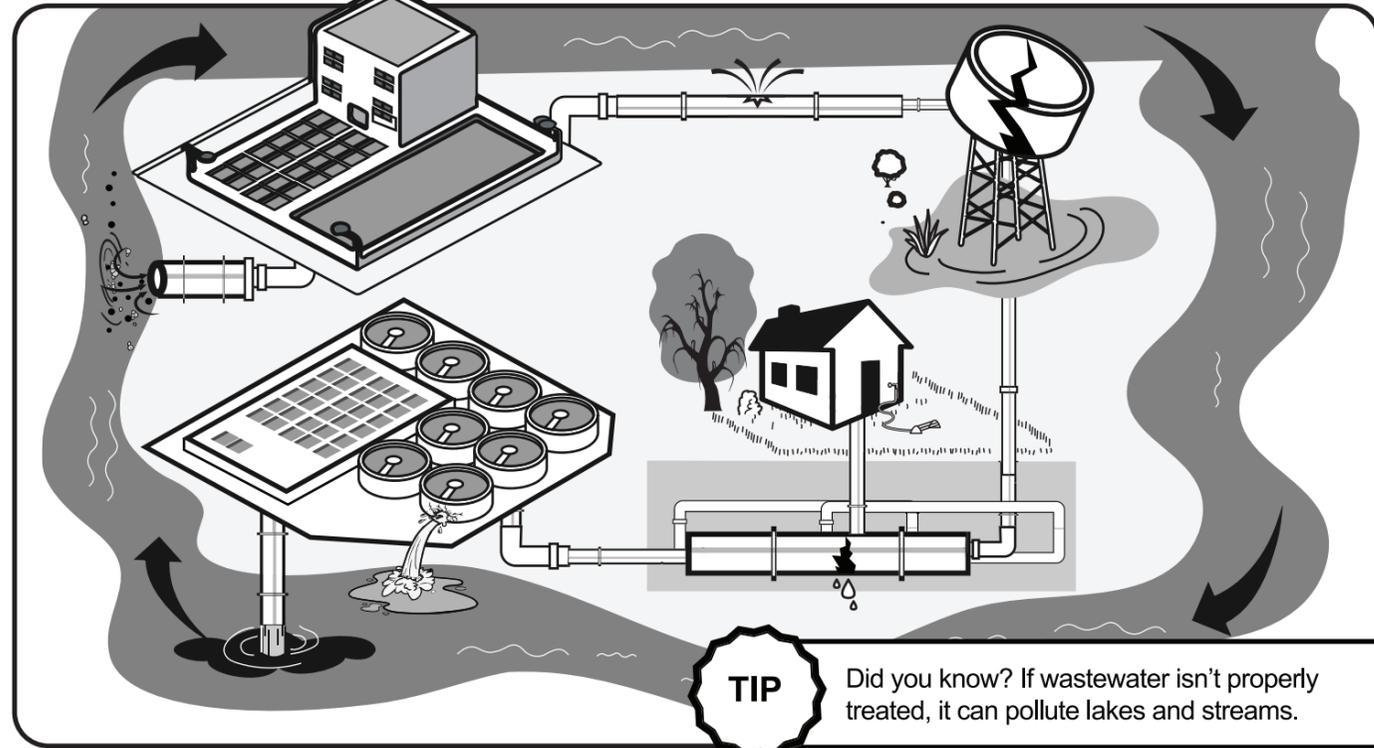
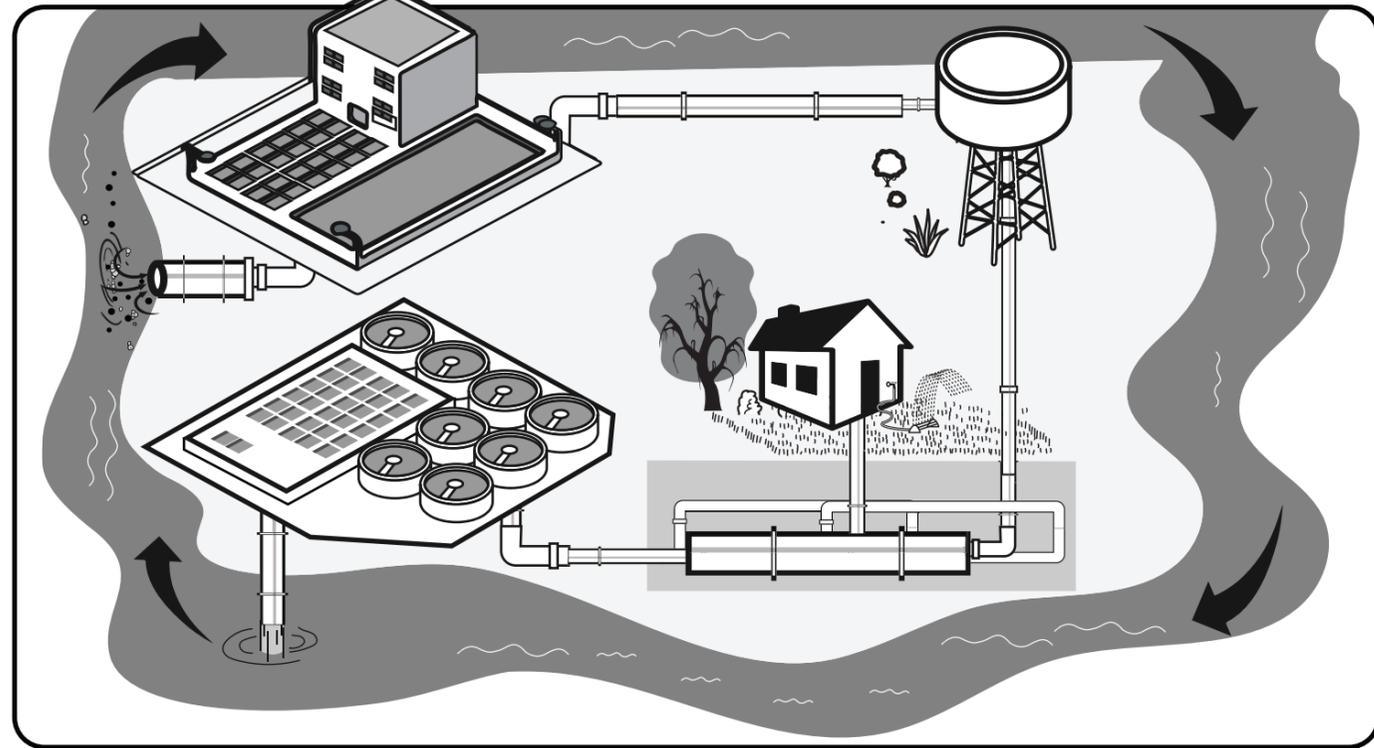


Wastewater is water that has been used to bathe, wash your hands, flush the toilet and prepare our food. Once the water is used, it flows out of our house in pipes on its way to the wastewater treatment plant.

Spot the Difference

Can you spot the six differences between these two pictures?

Hint: One picture shows problems that can happen in a water distribution system.



TIP Did you know? If wastewater isn't properly treated, it can pollute lakes and streams.

- ANSWER KEY**
1. Water main break between the water treatment plant and water storage tank.
 2. Damaged water storage tank.
 3. Pipe break below home.
 4. Water sprinkler is not working.
 5. Spill at wastewater treatment plant.
 6. Polluted river.

Emergency Response and Recovery



i **Contaminants** are things in the water that might make the water look funny or taste or smell bad, or might make you sick. They could be chemicals or germs.