

## Skills Worksheet

**DR 11-4****Section: Using Water Wisely**

Write the letter of the correct answer in the space provided.

- \_\_\_\_\_ 1. The introduction of harmful substances into the environment is
- a. deposition.
  - b. pollution.
  - c. porosity.
  - d. permeability.

**WATER POLLUTION**

- \_\_\_\_\_ 2. Pollution that comes from one specific site is called
- a. deposition.
  - b. aeration.
  - c. nonpoint-source pollution.
  - d. point-source pollution.
- \_\_\_\_\_ 3. Pollution that comes from many sources is called
- a. deposition.
  - b. aeration.
  - c. nonpoint-source pollution.
  - d. point-source pollution.
4. List five sources of nonpoint-source pollution.

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**HEALTH OF A WATER SYSTEM**

Match the correct description with the correct term. Write the letter in the space provided.

- |   |                      |
|---|----------------------|
| _____ 5. naturally occurring compounds that can affect DO levels                    | a. alkalinity        |
| _____ 6. the oxygen used by fish and other organisms that live in lakes and streams | b. dissolved oxygen  |
| _____ 7. a harmful increase in water temperature resulting in decreased DO levels   | c. nitrates          |
| _____ 8. water's ability to neutralize acid   | d. nitrate pollution |
| _____ 9. the result of animal wastes or fertilizer seeping into groundwater         | e. thermal pollution |

### **CLEANING POLLUTED WATER**

10. What is a facility that cleans the waste materials found in water that comes from sewers or drains?

\_\_\_\_\_

11. During primary treatment, why is sewage passed through a large screen?

\_\_\_\_\_

12. During primary treatment, why is water placed in a large settling tank?

\_\_\_\_\_

13. During primary treatment, what happens to floating oils and scum in the settling tank?

\_\_\_\_\_

14. During secondary treatment, why are oxygen and bacteria added to the water sent to an aeration tank?

\_\_\_\_\_

15. During secondary treatment, why is chlorine added to the water in a settling tank?

\_\_\_\_\_

16. After secondary treatment, what happens to treated water?

\_\_\_\_\_

17. An underground tank used to clean household wastewater is a(n) \_\_\_\_\_.

18. A system of buried pipes called a(n) \_\_\_\_\_ distributes water treated in a septic tank so that it can soak into the ground.

### **WHERE THE WATER GOES**

19. What are four ways an average household uses water.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

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20. Industries try to conserve water by \_\_\_\_\_ it.
21. What aquifer provides water for approximately one-fifth of the cropland in the United States? \_\_\_\_\_
22. What causes the loss of most of the water that is lost during farming?

- \_\_\_\_\_
23. How does drip irrigation help to conserve water?

- \_\_\_\_\_
24. What are four ways you can help to conserve water?

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