

# WATERSHEDS: UNLOCKING THE SECRETS TO CLEANER WATER

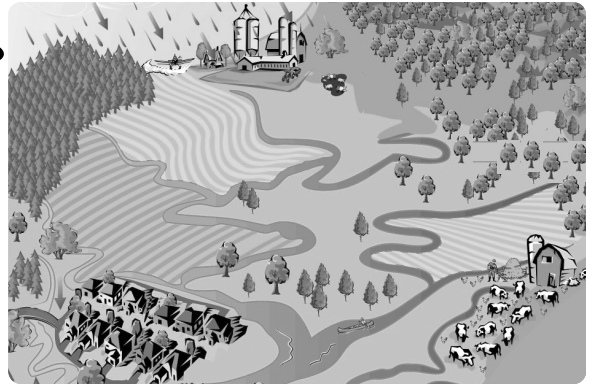
## Additional Trivia Questions

1. *Short answer: What is a watershed?* \_\_\_\_\_

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2. *True or false: Everyone lives in a watershed. (Circle the correct answer)*

3. *Sketch challenge:* Here's a picture of a watershed. When it rains, how will the water flow across the land? Sketch arrows showing how the water flows and where it ends up.



4. *Fill in the blank: Sediment is \_\_\_\_\_ that has gotten into our water.*

5. *Match challenge: Draw lines to match the words with the numbers:*

Iowa's #___ pollutant is sediment	500–1,000
It takes ___ years for an inch of soil to form	20
We lose an inch of soil every ___ years	1

6. *Multiple choice: The process of soil being moved by water is called...*

- A. Implosion      B. Explosion      C. Erosion      D. Commotion

7. *What are three common types of pollution in Iowa's water (other than trash)?*

\_\_\_\_\_

8. *What are three things we can do to keep water clean?*

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Answers

1. An area of land that drains to a common water body.
2. True!
3. The water will shed downward across the land and end up in the river in the middle.
4. "Soil" or "dirt" (which just means loose soil) are both good answers.
5. Iowa's #1 pollutant is sediment  
It takes 500–1000 years for an inch of soil to form  
We lose an inch of soil every 20 years!
6. C. Erosion
7. Possible answers include:
  - soil
  - nutrients (fertilizer)
  - pesticides
  - personal care products
  - oil
  - animal waste
  - bacteria
8. Possible answers include:
  - pick up trash
  - choose reusable goods (bottles, bags, straws)
  - keep soil covered
  - proper timing of pesticides
  - proper timing of nutrients
  - fix car leaks
  - use less personal care products
  - avoid microplastics in personal care products
  - pick up after your pet
  - use less water