

Name:

Date:

### Watersheds Activity - Lentic and Lotic Systems

Directions: Click on the linked words to go to a site with the question's answer. Use the Back button or history feature, of your browser, to return to this hunt page.

1. What is hydrology? (scan the page) \_\_\_\_\_

\_\_\_\_\_

2. Lentic systems include \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. Lentic water systems have still or flowing waters. (circle the correct word.)

4. Do ALL lentic systems have fresh water? Explain \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

5. Lakes are classified by the way they were formed.

George Hutchinson described 76 different types of lakes. Here is a list of a few.

Select two. Write the type and how it was formed. Name a lake of this type that is in your state.

A. Lake Type \_\_\_\_\_

Formed by \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Name one in your state. \_\_\_\_\_

B. Lake Type \_\_\_\_\_

Formed by \_\_\_\_\_

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

Name one in your state. \_\_\_\_\_

6. How many miles of flowing water are there in the U.S.?

How many miles of flowing water are in your state?

Name the flowing body of water closest to your community, home or school.

\_\_\_\_\_

7. Write 7 examples of Lotic Systems \_\_\_\_\_

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

Which of these lotic system examples are found in your community?

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

8. What are the functional differences between lakes and streams?

Lakes - \_\_\_\_\_

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

Streams - \_\_\_\_\_

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**9. Watersheds are always changing.**

List the Natural Agents of Change <http://www.epa.gov/watertrain/agents/agents5.html>

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**10. List 5 of the human - made changes to the watershed.**

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**11. Describe the differences between a riffle, run and pool.** \_\_\_\_\_

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12. Name the major watersheds in your state

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Which one provides your drinking water? \_\_\_\_\_

13. How does pollution affect public waters? \_\_\_\_\_

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Use you online research skills to ascertain ...

14. What is Limnology? \_\_\_\_\_

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What kinds of studies would prepare a person to be a limnologist?

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