

Name: _____

How much do you know about the hydrosphere?

Please answer the following questions as thoroughly as you can. This activity will NOT be graded. It will be used to see where you're at with your understanding of this topic. Don't worry if you don't know some of the answers. Just write down that you don't know the answer and try to give it your best guess.

1. What kinds of things could we measure to find out how healthy a mountain stream is?

2. Other factors affect the temperature of a stream?

3. Check the abiotic (non-living) factors affecting a fish's survival:

- ☐ predation
- ☐ water temperature
- ☐ oxygen in the water
- ☐ competition
- ☐ food availability
- ☐ disease
- ☐ I don't understand the question



4. Check the biotic (living) factors affecting a fish's survival:

- ☐ predation
- ☐ water temperature
- ☐ oxygen in the water
- ☐ competition
- ☐ food availability
- ☐ disease
- ☐ I don't understand the question

5. The Environmental Protection Agency (EPA) keeps track of pollutants in watersheds.



a) What types of pollution do humans put into watersheds?

b) What are some NATURAL pollutants in watersheds?

6. List 3 stream INVERTEBRATES:

7. List 3 stream VERTEBRATES:

8. Could we ever run out of water? Explain your answer: