

Watershed Watch Worksheet 2021

Name: _____ Date: _____ Class: _____

Watch the 4 Watershed Watch videos to answer the questions in this worksheet. This information will help you prepare for participation in Watershed Watch.

Links to the videos:

[Intro](#)

[Physical Parameters](#)

[Biological Parameters](#)

[Chemical Parameters](#)

Questions

1. What are the three parameters you will be testing during Watershed Watch?

1. _____
2. _____
3. _____

2. The water in the Boise River is used for

_____.

3. Circle the Physical parameters that water quality scientists' test: (circle all that apply)

Temperature

Width of the Water Body

Turbidity

Weather

4. What living organisms need cold, clear water? _____

5. What does the clarity of the water indicate?

6. Turbidity (cloudiness of water) is measured using what tool? (circle one)

- a. Thermometer
- b. Secchi Disk
- c. Anemometer

7. Circle the Chemical parameters that water quality scientists test: (circle all that apply)

pH

Dissolved Oxygen

Nitrates

Phosphates

8. pH is the measure of...

- a. acidity
- b. alkalinity
- c. both a and b

9. Warm or Cold water has more oxygen.

(circle one)

10. Two nutrients that scientists measure when testing water quality are _____ and _____.

11. What do we call the indicator organisms that water quality scientist look for?

- a. Microorganisms
- b. Macroorganisms
- c. Macroinvertebrates

12. What are two ways to collect the bugs that live in the water?

- a. _____
- b. _____

13. What indicates that the water is healthy?

- a. The presence of pollution tolerant macroinvertebrates
- b. The presence of pollution intolerant macroinvertebrates
- c. The presence of fish and other aquatic animals
- d. Both b and c