

Estimate or Actual Handout

Students survey water quality and hydrology tests, classify them and justify their reasoning.

INSTRUCTIONS:

1. Go to www.Seminole.WaterAtlas.org > The Atlas > Lake Name > the lake.
2. Go to the water quality tab.
3. Click on the subject tested.
4. Click on the What Does it Mean button to help you decide what each term means.
5. Go to another source, a reference book on water quality, dictionary or any other source you teacher has made available to you to recheck the meaning.
6. Decide if the results are an estimate or an actual measurement. _____
7. Justify your reason.

8. Beside the name of the test write the definition of the term, whether it is an actual measurement or an estimate and your reason for making this decision.

*** Some tests may not be available for every lake. ***

- a. Nitrogen _____
- b. Phosphorus _____
- c. Chlorophyll _____
- d. Secchi Depth _____

9. Now click on the hydrology button and follow the same instructions.

- a. Lake Elevation _____
- b. Water level, Latest Value _____
- c. 100 Year Flood Level _____
- d. Historic Range, Water Level _____
- e. Bathymetric Map/ Lake Elevation _____

Name: _____

Date: _____