

Explore Your Watershed *Handout*

Part 1 of 4 in the "Exploring the Watershed Atlas" Series

INSTRUCTIONS: Go to the website: www.Pinellas.WaterAtlas.org

1. Go to The Atlas > Interactive Map. You are looking at a Watershed Map of Pinellas County.
2. Find your home or school:
 - a. Under "Search for" on the right side of the screen, click "an address."
 - b. Click inside the text box. Enter your street address > Go. Don't type the city.
 - c. You will go right to a map with a red star for your house or school. Some addresses do not work, if this is the case, try another known address.
3. Find your watershed:
 - a. Use the Map Navigation Tools on the left side of the screen. Click on "Select a Watershed" button. The cursor is now "loaded" with that action.
 - b. Click on the map to bring up your watershed. You may need to make the window full screen.
 - c. The name of the watershed is highlighted in red at the top of your screen. You are in the _____ Watershed.

4. What is a watershed?

5. Find information about your watershed:
 - a. How big is your watershed? _____square miles
 - b. What is the **Land Use** in your watershed? (Scroll down.)
As of the year _____, the land use is _____% Agriculture, _____% Built, and _____% Conservation.
 - c. What is the **land cover**?
As of the year _____, the land cover is _____% Wetlands, _____% Uplands
 - d. Rainfall is essential to the watershed.
As of the date _____, the month-to-date rainfall is _____inches, and the year-to-date rainfall is _____inches. The historic average for this month is _____inches.

Click on the ten-year trend and view the graph. What is the trend of yearly rainfall in this watershed?

e. How many volunteers are active in your watershed? _____

f. Double click on the list of Water bodies (lakes and rivers) in your watershed. Select one you recognize, or one that has an interesting name.

Name:

Date:

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g. What is the **Water Quality Index (Trophic State)** for your lake?
As of the year _____ The Trophic Index is: _____

h. What is the **Water Clarity (Secchi Clarity)** of your lake?
As of the year _____: _____ ft.

Name:

Date: