

## APES Personal Water Assessment

Due:

Answer the following questions as COMPLETELY as possible.

- 1) Which activities consume the most water?
- 2) Which of the above requires water of drinking quality? Why? Which could you use water that has been cleaned, but not sanitized (no chlorination or ozonation or u.v. treatment).
- 3) Does your family reuse any water in any way?
- 4) Where can you make changes to use water more efficiently? How difficult would it be for you? For the rest of your family?
- 5) Besides domestic use (homes, restaurants, schools), how else is water used in Greenville? In Pitt County? Can any of this water be reused?
- 6) Do you think people use more water person today in the United States or 50 years ago? Explain your answer.
- 7) Is Greenville in danger of running out of clean, usable water? Why or why not?
- 8) How do your daily activities affect the quality of the water supply for the people downstream?
- 9) Make a list of ALL the substances that your household puts down the drain. Do you think that these substances affect the wildlife in the Tar River? How about the wildlife in the Atlantic Ocean?
- 10) What could you do to better protect the quality of the water supply? Of the previous steps, which will you realistically take? Why?
- 11) How is water used by industry? By agriculture?
- 12) Do you think any of the water used by industry or agriculture can be recycled? How?
- 13) Having done this report, will the way (the amount) you use water change? Why or why not?
- 14) Obtain a utility bill for 1 month. How much water did your household use in a month? What was the cost of the water per liter? What was the total cost of the water for 1 month?
- 15) Are all months the same? What activities may change the amount of water consumed by your household?

### Personal Water Use Survey

Number of Persons in your home:

Number of Pets in your home:

Dates of Water Use Survey:

Domestic Water Use (measure ONLY water used at home)

Activity	Flow Rate/Amount	Number of Minutes or Number of Uses	Estimated Liters of water used
Washing Hands			
Washing Face			
Showering			
Taking a Bath			
Brushing Teeth			
Washing Food			
Cooking			
Drinking (Tap)			
Drinking (Bottled)			
Soft drinks			
Juices			
Coffee, Tea, Cocoa			
Flushing toilet	22.8 L/flush		
Washing Clothes (by hand)			
Washing Clothes (machine)	228 L/load		
Washing Dishes (by hand)			
Washing Dishes (machine)	38 L/load		
Cleaning the house			
Washing the Car			
Watering the Lawn/garden			
Water indoor plants			
Pets – drinking, cleaning			
Swimming pool			
Other uses			

Amount of water used for YOUR personal activities in one day:

Water your family uses for personal activities in one week:

Water your family uses for non-daily activities in one week:

Total amount of water your family uses in one week:

Reminder: 1 L = .26 gallons or 1 gallon = 3.78 L