Name:_____

Home Water Conservation Analysis

Using the Conservation Calculator you will calculate your annual potential water, energy, and greenhouse gasses savings.

1. Click on "Water Savings" tab on the Conservation Calculator
2. Enter all your data from the "Home Water Conservation Audit" worksheet in column B.
3. What is the total annual water savings potential identified:_____
4. Based on the Conservation Calculator what area of your house gives you the most annual water savings potential?_____
5. If you switched to all efficient devices for the item you choose for question 4 how much water could you save? _____
6. What are two actions could you take to improve the water conservation where you live based on the data in the Conservation Calculator?
   a. _____
   b. _____
7. Explain why you chose the two actions you did.
   _____
   _____
   _____
8. In column C enter the number of non-efficient devices you would have after you took the action from number 6.

9. How much would you save annually by taking those actions? Click on the "Water Savings" tab, "Energy Savings" tab, and "CO2 Equivalent Savings" tab to find the information.
    a. Water:_____
    b. Energy:_____
    c. CO2 Equivalent:_____
10. Cascade Water Alliance can provide you with kitchen and bathroom sink aerators, shower heads, and shower timers. Based on your "Home Water Conservation Audit" worksheet how many of each item would be useful for you home?
    a. kitchen and bathroom sink aerators_____
    b. shower heads:_____
    c. shower timers:_____

11. Using the information from your water bill that you entered on your "Water Conservation Analysis worksheet and the Home Water Conservation Audit worksheet answer the following questions:
    a. What is the average amount of water used in your home every **month** in gallons? :_____
    b. What is the average amount of water used in your home every **day** in gallons? :_____

12. The national average for water use per person per day in the United States is 60 gallons.
    a. How much water is used by each person in your home every month in gallons? :_____
    b. How much water is used by each person in your home every day in gallons? :_____