

Suisun Marsh Water Conservation Challenge

How **low** can *YOU* go??

We *all* should conserve water. If we can learn steps to conserve now, we'll have good habits in place for what is beginning to look like a drier future.

Did you know that...

Facts found at water.usgs.gov/edu & audubonmagazine.org

It takes **1 gallon of water** to produce a single-use **plastic water bottle**? WOW!



It takes **10 gallons of water** to produce **1 slice of bread**?

It takes **36 gallons of water** to produce **1 egg**?



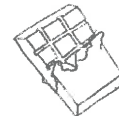
It takes **45 gallons of water** to produce **1 glass of orange juice**?

It takes **500 gallons of water** to produce **1 pound of chicken**?



It takes **700 gallons of water** to produce **1 cotton shirt**?

It takes **2,061 gallons of water** to produce a pound of chocolate?



It takes **2,900 gallons of water** to produce **1 pair of jeans**?

It takes **3,190 gallons of water** to create a smart phone?



It takes **4,000-18,000 gallons of water** to produce **1 hamburger**?

Conservation Challenge: How low can you go?

Student Name: _____ Date: _____ Circle: Prediction OR Actual Use Chart

Place tally marks in the box every time somebody in your family uses water in the following ways.										Total Tally Marks	Multiply Your Total Tally Marks by Gallons Used	Total Gallons Used
Family Member's Name												
Takes shower (1 tally/1 min)											5 gallons/min OR 2.5 gallons/min (low flow showerhead)	
Takes bath											40 gallons (tub full) OR 20 gallons (tub 1/2 full)	
Brushes teeth											2 gallons (water running) OR 1/4 gallon (water off)	
Washes hands											1 gallon (water running) OR 1/4 gallon (water off)	
Flushes toilet											3 gallons (old toilet) OR 1.5 gallons (new toilet)	
Runs dishwasher											16 gallons (old machine) OR 6 gallons (new machine)	
Washes all dishes by hand											30 gallons (water running) OR 8 gallons (sink plugged)	
Runs washing machine											40 gallons (old machine) OR 25 gallons (new machine)	
Waters plants/grass											100 gallons	
Drinks water											1/4 gallon (0.25)	
How many GALLONS of water did you use today? Hint: Add up the last column												
											\$	
How much did your water COST you TODAY? Hint: Multiply your total gallons above by .003												
											\$	
How much did your water COST you this YEAR? Hint: Multiply your total cost above by 365												
											\$	

How could you use less water? Challenge YOURSELF to pick up new habits! See our water videos at SolanoRCD.org