

CURRENTS

VOL.4 NO.2
SUMMER 2003



DR. WATTS' BRILLIANT SAVINGS

"Beware of little expenses. A small leak will sink a great ship."

- Benjamin Franklin

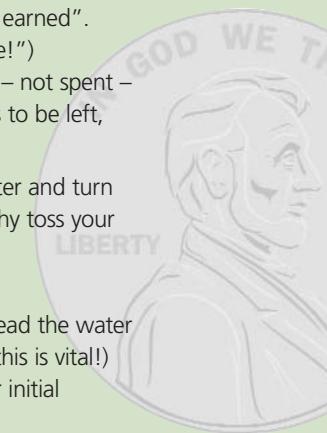
The good news, he further counseled, is that "a penny saved is a penny earned".

(Not so, griped humorist Ogden Nash: "A penny saved is impossible!")

Actually, because of the taxes that come out of your pay, a penny saved – not spent – is better than a penny earned. You may have to earn nearly two pennies to be left, after taxes, with one.

Sooooo, turn off the lights and TV when you leave the room! Dress lighter and turn down that air conditioner! Fix that leaking toilet and dripping faucet! Why toss your hard-earned money out the window?

Leaks are responsible for about 13% of our water use! A great way to determine the existence and size of any water leaks in your home is to read the water meter when no water is being used. Then use no water for a 1/2 hour (this is vital!) and read the meter again. If the meter registers additional use from your initial reading, then you are leaking water somewhere.



Jefferson Receives Two Energy Awards

Jefferson recently received two awards for its energy program. One is from the Association of Energy Engineers, Atlanta, Georgia for the 'Region One-Corporate Energy Management of the Year Award for 2003'. Region one includes the states of Pennsylvania, New Jersey, New York, Massachusetts, Maine, New Hampshire and Minnesota. This award is:

"Presented for outstanding accomplishments in developing, organizing, managing and implementing their corporate energy management program, and for superior service to the Association"

The other award is from The Reinvestment/Sustainable Development Fund, Philadelphia, PA for the installation of energy saving equipment that will conserve \$127,000 worth of electricity and steam. The 'George Bailey Award' is given to organizations or individuals who exemplify the commitment to neighborhood building demonstrated by the character played by Jimmy Stewart in the 1947 film "It's a Wonderful Life".

Jefferson's Water Meter Costs Cut by 18%!

Here on campus, our water bills are based not only on how much water we use each month – naturally – but also on the size of the water meter itself. This latter item is called the monthly service charge and has been anticipated to total \$288,777 in the coming Fiscal Year.

However, after a detailed analysis of flows at each meter, some meters are going to be replaced by Frank Giunta's Plumbing Shop with smaller meters. We'll all still be able to get all the water we need, but the annual service charges will be lowered by \$50,900!

Remember This Winter?

This was a nasty winter not only because of the extreme snow and cold temperatures but also the high natural gas prices. The good news is it could have been worse. Because we implemented steam saving technologies, even though the winter was 33% colder than the year before, our steam use went up by only 13%. But, the price of our steam went up by 68% from the previous year!

On the Home Front

"Water, water everywhere, but not a drop to drink."

- 1. Load up your washing machine.** Always wash full loads of clothes, and use the water-saver cycle if your machine has one.
- 2. Fill up your dishwasher.** Your dishwasher uses more water than any other kitchen appliance, so always wash full loads.
- 3. Bottle up your water.** When you keep a bottle of water in the refrigerator, you don't have to let the tap run every time you want a cool drink of water.
- 4. Take shorter showers.** If you shorten your shower by 2-3 minutes, you'll save 9-12 gallons of water per shower.
- 5. Take baths.** A partially-filled tub uses less water than all but the shortest of showers.
- 6. Install low-flow shower heads.** Installing water-saving shower heads, which use less than 3 gallons per minute, can greatly reduce the amount of water used during your shower.
- 7. Check your faucets.** Be sure and inspect all your faucets for leaks. A dripping faucet can significantly increase your water use and your bill.
- 8. It's a toilet, not a trash can.** Don't use your toilet to dispose of facial tissues and the like that can be tossed in the trash.
- 10. Let your water soak in.** Rather than give your lawn several light sprinkles, deep soak it to establish a deep root system.
- 11. Don't water the concrete.** Make sure your sprinklers are set to water the lawn...and only the lawn.
- 12. Plant the right plants.** Whenever and wherever possible, plant water-saving trees and plants.
- 13. Put a layer of mulch around trees and plants.** Mulch slows the evaporation of moisture.
- 14. Pick up a broom.** Use a broom, not the hose, to clean driveways, patios and sidewalks.
- 15. Drink when you're thirsty.** Order water in restaurants only if you're going to drink it.



...Did you know?
Jefferson uses enough water to fill the Edison Building 165 times per year.

Bright Ideas

Tips for Staying Cool While Saving Money

Early summer is a great time to inspect your air conditioning system before turning it ON during warmer months. Be sure to replace or clean the air filter. Clogged, dirty filters block normal air flow and reduce the system's efficiency significantly, which wastes electricity and money.

And when planting shrubs and bushes in the yard this summer, leave about a foot between the plants and the house. These "dead air" spaces will help insulate your home throughout the year. Also, plant trees or shrubs near central air conditioners but don't block the air flow. A unit operating in the shade uses as much as 10% less electricity than the same unit operating in the sun.

No one person can achieve what all of us together can accomplish if we communicate and work together. If you have an ideas about conserving energy and cutting our utility bills, send me an e-mail at Randy.Haines@mail.tju.edu or call me at 215-503-6099. If your suggestion is implemented, you'll win a compact fluorescent lamp and your smiling face will grace our next newsletter!



Savings at Work – Center City Campus

Jan.– March 2003	Budget	Actual	Prior Year Actual
Electricity	\$1,590,000	\$1,496,356	\$1,755,025
Steam	1,555,000	2,114,387	1,226,887
Water	309,450	225,646	221,383



Look for the EPA's Energy Star label on products that use less energy, save you money on your utility bills and help protect the environment.



Recycled/Recyclable
Printed on paper that contains at least 20% post-consumer recycled fiber