



Wave•Saver Water Management Software

Water Alliances for Voluntary Efficiency (WAVE) is a non-regulatory water efficiency partnership created and supported by U.S. EPA. WAVE's mission is to encourage commercial businesses and other institutions to reduce water consumption while increasing efficiency, profitability, and competitiveness.

What Can WAVE•Saver Do For You?

All WAVE participants receive WAVE•Saver, a free analytical software package that assists partners in determining cost-effective water efficiency measures with minimal time, effort, and expense. WAVE•Saver helps partners to:

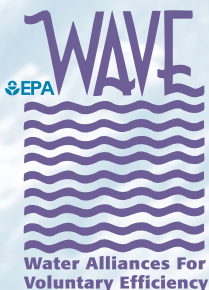
- ◆ Create detailed and accurate characterizations of overall water use of properties.
- ◆ Track water use over time and calculate the incremental cost of water.
- ◆ Select, customize, and print property-specific forms to guide the collection of water use data.
- ◆ Determine current allocation of water use (and related energy use) among all fixtures and equipment.
- ◆ Calculate and compare payback period, annual savings, and costs of installation and maintenance of any combination of water efficiency measures.
- ◆ Determine the most applicable cost-saving measures from hundreds of efficiency options.
- ◆ Create property-specific budget projections and track ongoing costs and savings over time due to cost-saving measures.
- ◆ Print presentation-ready graphs and reports.

“Now we actually have an idea of how much water we are using. The WAVE•Saver software gives me a number to aim for.”

WAVE•Saver Features

WAVE•Saver guides partners through each step of implementing water efficiency measures using the following features:

- ◆ Instructions for collecting water use data for all types of fixtures and water-related equipment.
- ◆ Clear and comprehensive on-line help.
- ◆ User-friendly interface.
- ◆ Detailed information on water efficiency measures, complemented by audio and video displays.



James Doyle
Energy Conservation Engineer
Harrah's of Las Vegas

How Does WAVE•Saver Work?

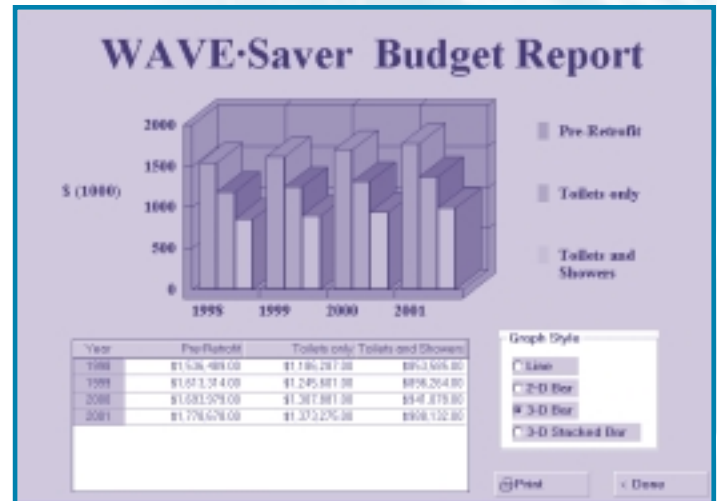
The screenshot shows the 'Guest Rooms' configuration window. It is divided into several sections for data entry:

- Guest Room Class:** A list with 'Standard' selected.
- Shower and Bathtub Data:** Includes fields for 'Shower flow (GPM)' (4), 'Avg shower temperature' (118), 'Showers per day - Male' (7) and 'Female' (1), 'Minutes per shower - Male' (5) and 'Female' (10), and 'Housekeeper washes/daily' (1) and 'Housekeeper mins/wash' (3). There is a checkbox for 'Room has a bath'.
- Lavatory and Kitchen Data:** Includes 'Faucet flow (GPM)' (1), 'Avg faucet temperature' (135), 'Washes per day - Male' (4) and 'Female' (4.5), 'Seconds per wash - Male' (75) and 'Female' (28), 'Washes/housekeeper/day' (1), and 'Secs/housekeeper/wash' (33). There is a checkbox for 'Kitchen facilities are available in room'.
- Toilet Data:** Includes 'Gallons/flush' (3) and 'Type' (Tank), 'Flashes/day - Male' (3) and 'Female' (3.5), and 'Housekeeper' (2).
- Occupancy Data:** Includes 'Number of rooms of this class' (28) and '% of occupants who are male' (48).

At the bottom, there are buttons for 'Quit', 'F1', 'F2', 'F3', 'F4', and a 'Host' dropdown menu set to 'MAINST'.

- It allows convenient input of a small data set describing your water-consuming fixtures, with default values you can use if you do not have data for your facility.

- After you set up retrofit options for the facility you described, WAVE•Saver shows your projected cost savings in easy-to-understand graphs.



System Requirements

WAVE•Saver was developed in conjunction with leading water experts, and sponsored by EPA and the Metropolitan Water District of Southern California. WAVE•Saver is Y2K compliant and runs on any personal computer with Windows® 3.x or Windows 95® operating systems, at least a 486DX33 processor, 8 MB RAM, and 15 MB free disk space. Multimedia capability (at least double-speed CD-ROM drive, 16-bit industry-standard sound card, 256-color video accelerator card, and two shielded speakers) is recommended.

For More Information

Please contact:

WAVE Program Director

U.S. EPA (4204M)

Ariel Rios Building

1200 Pennsylvania Avenue, NW

Washington, DC 20460.

Or call (202) 564-0623/0624. Fax: (202) 501-2396.

