

Water Saving Tips for Golf Courses and Industrial Landscapes

START A WATER CONSERVATION PROGRAM

- Increase employee awareness of water conservation.
- Install signs encouraging water conservation in employee and customer restrooms.
- When cleaning with water is necessary, use budgeted amounts.
- Read water meter weekly to monitor success of your water conservation efforts.
- Assign an employee to monitor water use and waste.
- Seek employee suggestions on water conservation.
- Determine the quantity and purpose of water being used.
- Determine other methods of water conservation.

SURVEY THE FACILITY

- Identify water source points.
- Develop a schematic of all water entry points (know where your faucets, time clock, solenoids, booster pumps, sprinklers and bubblers are located).
- Identify capacity of each water-carrying unit and frequency of use. Determine specific use for each entry source.

INTERIOR AREAS

- Discontinue continuous flow.
- Use ponded water where available.
- Adjust flows to reduce discharge of water.
- Install water-waving devices to decrease water consumption
 - Restrooms (toilet dams and flappers), faucets (aerators), cooling systems.
Use recycling systems for chillers and cooling towers.
- Consider installing energy and water-efficient air conditioning equipment.
- Conservation suggestions for clubhouse areas are contained in the "Restaurants" and "Hotels and Motels" checklists.

MAINTENANCE PROCEDURES

- Sweep materials from floor instead of washing down whenever possible.
- Instruct clean-up crews to use less water where appropriate.
- Check water supply system for leaks.
- Repair dripping faucets and continuously-running or leaking toilets.

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DESIGN AND MAINTENANCE CRITERIA

FOR TURF AND LANDSCAPE AREAS

- Contact your local water supplier about possible landscape water auditor classes for your golf course managers.
- Hire a golf course and/or landscape architect with water conservation and xeriscape experience.
- Use turf only where actually necessary; such as picnic areas/outside lunch areas and golf course target areas (greens, tees, landing areas).
- Limit or exclude turf from roughs.
- Use only low-water use plant material in non-turf areas.
- Use automatic irrigation systems monitored by moisture probes (i.e., tensiometers).
- Design dual watering system with sprinklers for turf and low-volume irrigation for plants, trees, and shrubs.
- Operate sprinkler system before sunrise and after sunset. Amount of irrigation can be determined by the evapotranspiration rate.
- Use properly treated wastewater for irrigation where available.

EXTERIOR AREAS

- Don't use water to clean sidewalks, tennis courts, pool decks, driveways, and parking lots.
- Stop irrigation water from running onto streets and alleys.

(SOURCE: Maryland Department of the Environment)