SAVING WATER IN YOUR MULTIFAMILY BUILDING

APARTMENTS
- Get a flow meter bag from http://www.itseasybeinggreen.com/
  - Then you can measure flows of aerators and showers
- Change all showerheads to 1.75 gallons per minute (gpm)
- Change kitchen sink aerators to 1.5 gpm
- Change bathroom sink aerators to 0.5 gpm
- Change toilets to dual flush toilets or high efficiency toilets with an average of 1.1-1.28 gallons per flush OR put a toilet tank bag in the back of the toilet to reduce the amount of water used to flush
- Test toilets for leaks by adding a few drops of food coloring to the tank and see if the bowl turns colors
- Install Energy Star dishwashers

DOMESTIC HOT WATER
- Use electronic mixing valves; when they fail they fail on cold
- Check setpoints regularly
- Quarterly, perform a preventive maintenance check:
  - Signs of physical deterioration: rust and corrosion
  - Failing insulation
  - System combustion efficiency

COMMON AREAS & EXTERIOR
- Use Energy Star washing machines
- Plant native plants so irrigation is not needed
- If irrigation:
  - Drip irrigation
  - Moisture sensors
  - Clock timers
  - Weather data based controllers
  - Rainwater harvesting and graywater
- Sweep sidewalks rather than spray sidewalks
- Install low-flow aerators in any common area sinks
- For cooling towers, have a chemical management plan to avoid unnecessary bleed off
  - Install a conductivity meter to adjust the bleed rate and control concentration levels
  - Use non-potable water for makeup water
  - Submeter the makeup water
  - Design more efficient evaporative cooling systems to control evaporation and blowdown
- Check the water meter from 2-4am; if it’s turning you have a water leak
- For steam, use an infrared camera to find steam leaks
- Install waterless urinals in any public bathrooms