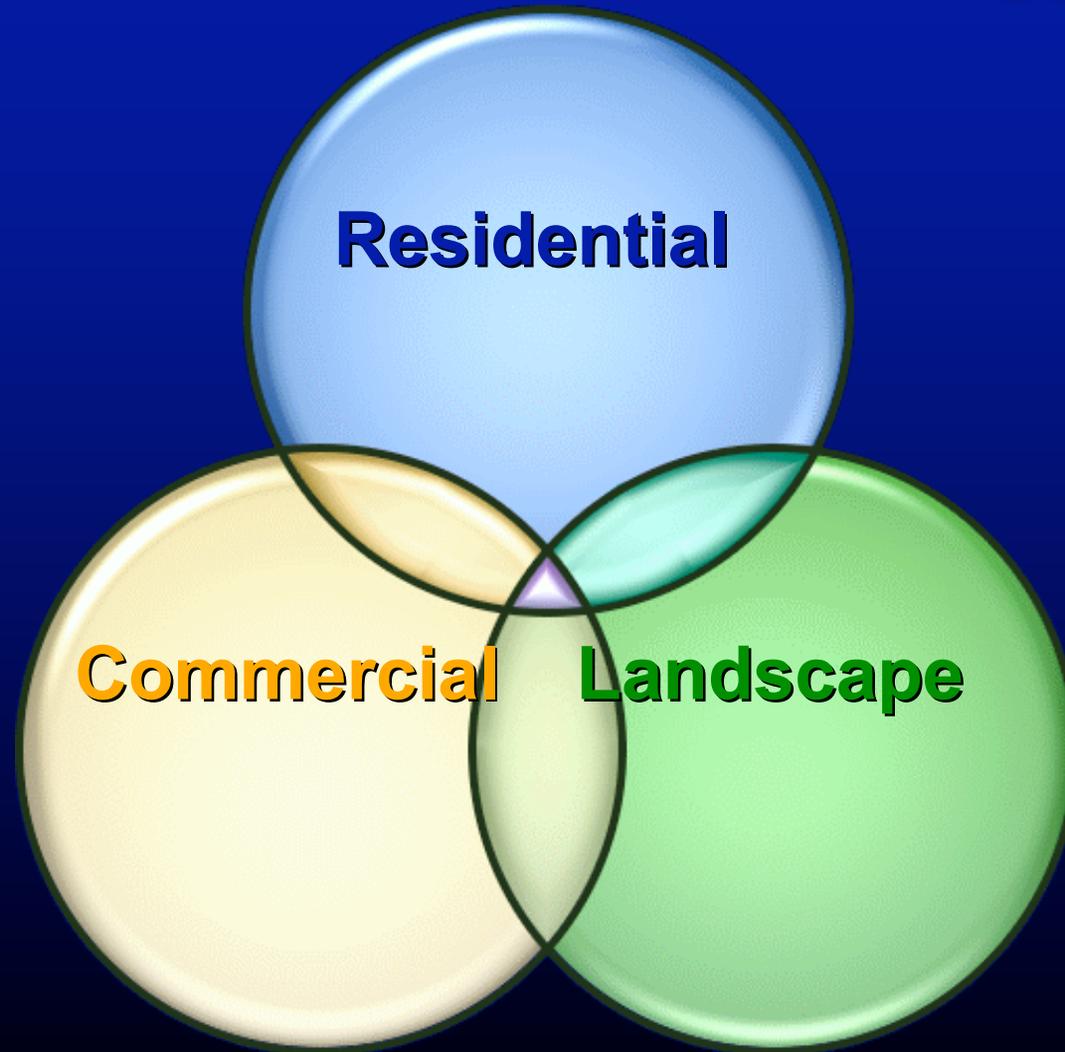




Metropolitan's Experience Implementing Best Management Practices

**Water and Energy Symposium
March 28, 2006**

Components of Active Conservation Strategy



CORE PROGRAMS

■ Residential

- High Efficiency Clothes Washers
- High Efficiency Toilets

■ Landscape

- Res. and Prof. PDA Irrigation Training via Web
- Smart irrigation Controller
- Measured Water Savings

■ Commercial/Industrial

- Regionally Administered “Save Water Save-A-Buck”
- Industrial Process Improvement

Integrated Incentive Framework

**Enhanced
Conservation Program
(\$250/AF)**

**Innovative
Conservation Program
(\$125k/yr)**

**Core
Conservation Program
(\$195/AF)**

**Legislation
&
Standards**

**Database,
Research & Marketing
Studies**

New Device Incentives

- **High Efficiency Toilet**
 - Saves 14,000 gallons per year
- **Zero Water Urinal**
 - Saves 40,000 gallons per year
- **High Efficiency Urinal**
 - Saves 20,000 gallons per year
- **Cooling Tower pH Controller**
 - Saves 844,000 gallons per year
- **Connectionless food steamer**
 - Saves 81,500 gallons per year

Regional Commercial Water Conservation Program

“Save Water Save a Buck”

■ Restrooms

- ULFT (1.6 gpf)
- High Efficiency Toilet
- High Efficiency Urinal
- Zero Water Urinal



■ Laundry

- High Efficiency Washing Machine

■ HVAC

- Cooling Tower Conductivity Controllers
- Cooling Tower Ph Conductivity Controllers



**SAVE WATER
SAVE A BUCK**

Regional Commercial Water Conservation Program

“Save Water Save a Buck”

- **Grounds Washing**
 - **Waterbroom**
- **Food Service**
 - **Pre-Rinse Spray Valve**
 - **Food Steamers**
- **Irrigation**
 - **Smart Irrigation Controller**
- **Hospital**
 - **X-ray Recirculation System**



Industrial Process Improvement Program

- **\$3.00 per 1000 gallons of water saved**
- **Real World Example**
 - **T-shirt dye house in Anaheim**
 - **More than 600,000 t-shirts per day**
 - **Saving 131 million gallons per year**
 - **Reduce annual operating costs of \$222,000**
 - **Metropolitan incentive of \$309,000 over five years of monitoring**



Building Industry Association
of Southern California

Model Homes

1. High Efficiency Toilets
2. High Efficiency Clothes Washer
3. Weather-Based Irrigation Controller
4. California Friendly Landscaping



New "Smart" Controller



Old Controllers



Innovative Conservation Program

- Competitive Grant Program
- Every Other Year
- \$250,000 Budget
- Open to Everyone



bewaterwise.com

**The Metropolitan Water District and the
Family of Southern California Water Agencies**