

CITY OF  
**HAYWARD**  
HEART OF THE BAY

# Update on City-Wide Water Conservation Efforts

Marilyn Mosher  
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April 3, 2013



# Hayward's Commitment to Water Conservation

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- Longstanding and active commitment
- Original signatory to the California Urban Water Conservation Council MOU
- Regional and local programs
- Low residential per capita water use rates
  - ❑ 59 gallons per capita per day in FY 2012



# Policies and Ordinances

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## Indoor Water Use Efficiency Standards

- Hayward among first to adopt
- Designed to reduce water use by 20%

## Landscape Ordinances

- Mandates Bay-Friendly practices
- More stringent than State requirements

## Pricing Signals

- Tiered water usage rates
- Low service charge
- Residential wastewater charges



# Voluntary Programs and Incentives



## Rebates

- High efficiency toilets
- Water efficient clothes washers
- Lawn conversion



## Fixture Replacements

- Showerheads and faucet aerators
- Pre-rinse spray valves



## Landscape Surveys

- Water reduction strategies identified for 20 large sites
- Currently monitoring results



# Outreach and Education



## WaterWise Classroom Curriculum

- Fifth grade program
- 600 students participate annually



## EarthCapades School Assemblies

- Environmental theater program
- Over 6000 students participate annually



## Water Efficient Landscape Classes

- Noted landscape professionals
- Three classes each year
- Well attended and received



# City Specific Activities

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## Water Balance and Audit

- Identified potential sources of unbilled water
- Meters tested for accuracy

## Leak Detection and Repair

- Tested all distribution lines and service connections
- Located and repaired 75 leaks – 125 mgy

## Plumbing Fixture Replacements

- Toilets and urinals replaced with high efficiency models throughout the City



# Water Efficient City Landscaping



## Route 238 Project

- Bay-Friendly landscaping
- Mix of native and Mediterranean plants



## Eden Youth Center

- Currently under renovation
- 7500 square feet of lawn converted to native and drought tolerant plants



## City Hall

- Some planting areas renovated with drought tolerant plants



# Future Activities

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- Improve website information and format
- Evaluate potential future programs
  - ❑ Water efficient irrigation system incentives
  - ❑ Commercial water use audits
- Participate in cost effective regional programs
- Impact of SB7 – Water Conservation Act of 2009
  - ❑ Water use targets: 126 gpcd in 2015; 122 gpcd in 2020

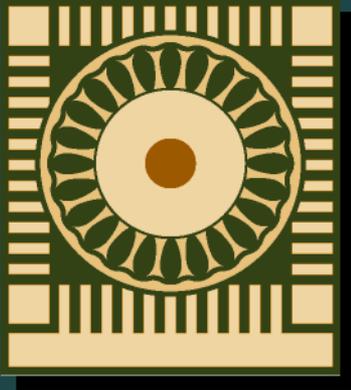


# Economic and Fiscal Impact

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- Customers that reduce water consumption benefit from lower bills
- Impact of reduced usage on water rates
- Current budget for water conservation is \$1 million – 3% of water operating budget
- Activities fully funded in Water Operating Fund; no General Fund impact





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