

Metal Finishing Model Shop Program

Compliance Assistance & Pollution Prevention Seminar

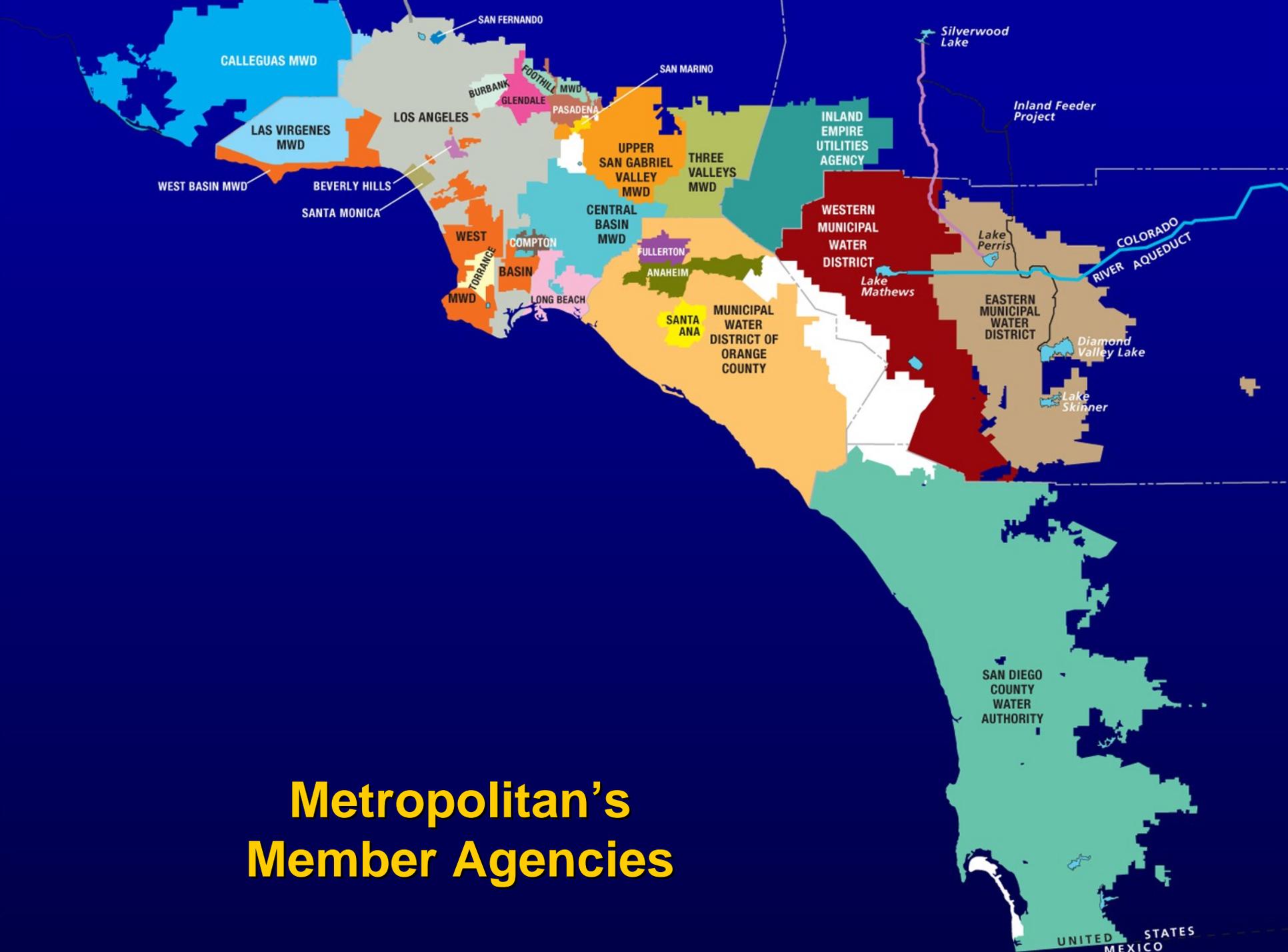
Water Savings Performance Program Process Improvements



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Who is Metropolitan?

- A consortium of 26 cities and water agencies
- Imports water from the State Water Project and Colorado River Aqueduct
- 5,200 square mile service area
- Approximately 18 million residents



Metropolitan's Member Agencies

Program Goal

Encourage investment in water saving improvements by providing financial assistance to local businesses and industries.

Process Improvements

- **Installation of equipment that captures, treats and reuses water that would otherwise be discharged to the sewer**
- **Replacement of existing process equipment with more efficient equipment that results in reduced water demand**

Industrial Water Use

- ✓ Food, Dairy and Beverage
- ✓ Textiles
- ✓ Fabricated Metals
- ✓ Electronics
- ✓ Pulp and Paper Mills
- ✓ Car Washes
- ✓ Industrial Laundries
- ✓ Pharmaceuticals
- ✓ Oil and Petroleum Refining
- ✓ Institutions

Incentive

- **Funding based on:**
 - **\$3.00/1,000 gallons of water saved for one year; or**
 - **100% of eligible project cost,**
whichever is less

Minimum Qualifying Criteria

- Projects must be implemented in Metropolitan's service area and supported by a member agency
- Improvements must be new and last a minimum of 5 years

Program Features

- No minimum water savings
- No funding limit
- No enrollment period
- Simple application process
- 2-step payment process

Funding

- **Partial payment upon startup**
- **Final payment after 1-year monitoring period**

Other Benefits

- **Lower water/sewer bills**
- **Reduced energy costs**
- **Reduced chemical cost**
- **Environmental**

Metal Finishing

- 0.6 M gals. annual prior water use
- Powder coating company
- \$56,000 improvement
 - RO and phosphate recycling system
- 0.35 MGY water savings
 - 68% reduction
- \$1,050 incentive



Electronics Manufacturing

- 36.7 M gals./yr prior water use
- circuit board manufacturer
- \$534,360 improvement
 - DI water recycling system and electro-less copper plating
- 18.8 MGY savings
 - 51% reduction
- \$56,270 Met incentive



Operational Savings

Annual Savings

Potable water	\$35,870
City sewer disposal	\$7,850
Sanitation sewer disposal	\$13,130
Gas	\$0
Electric*	<u>\$0</u>
Total	\$56,850

Cooling Tower

- Commercial building cooling tower
- Water conditioning treatment system
- \$64 T improvement:
 - chemical free treatment system
 - Increases COC
 - inhibits scale and reduces biofouling
- \$8,700 incentive



'Model Shop' Project

- P2 Model Shop business
- Project includes water savings
- Meets WSPP program criteria
- Remember to call before you install



How to Apply?

Application process:

- ✓ **Complete one page application/statement of interest**
- ✓ **Include requested information and mail to Metropolitan**
- ✓ **Application reviewed in 6 to 8 weeks**
- ✓ **Pre- and post inspection of project**

Need More Information?

- **Contact:**

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213-217-6616 or

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- **Website:**

<http://www.bewaterwise.com>

**Click on Conservation, then click on
Industrial Incentive Program**

HVAC

- Cooling Tower Conductivity Controllers
 - \$625 Rebate
- Cooling Tower Ph Controllers
 - \$1,900 Rebate



Commercial Rebates



1-877-728-2282

Other Incentives

- **LADWP TAP Program**

Technical Assistance Program

<http://www.ladwp.com/ladwp/cms/ladwp001799.jsp>

- **Southern California Gas Company**

Savings by Design

<http://www.socalgas.com/energyefficiency>

- **Southern California Edison**

<http://www.sce.com/RebatesandSavings>

Questions?