



**California Bay-Delta Public Advisory Committee  
Panel Discussion**

**“Implications of the Colorado River QSA,  
Related Legislation, North to South  
Water Transfers & Recent Newhall  
Appellate Court Decision, Collectively,  
on the Bay-Delta Program”**

Presented By Ronald R. Gastelum

The Metropolitan Water District  
of Southern California

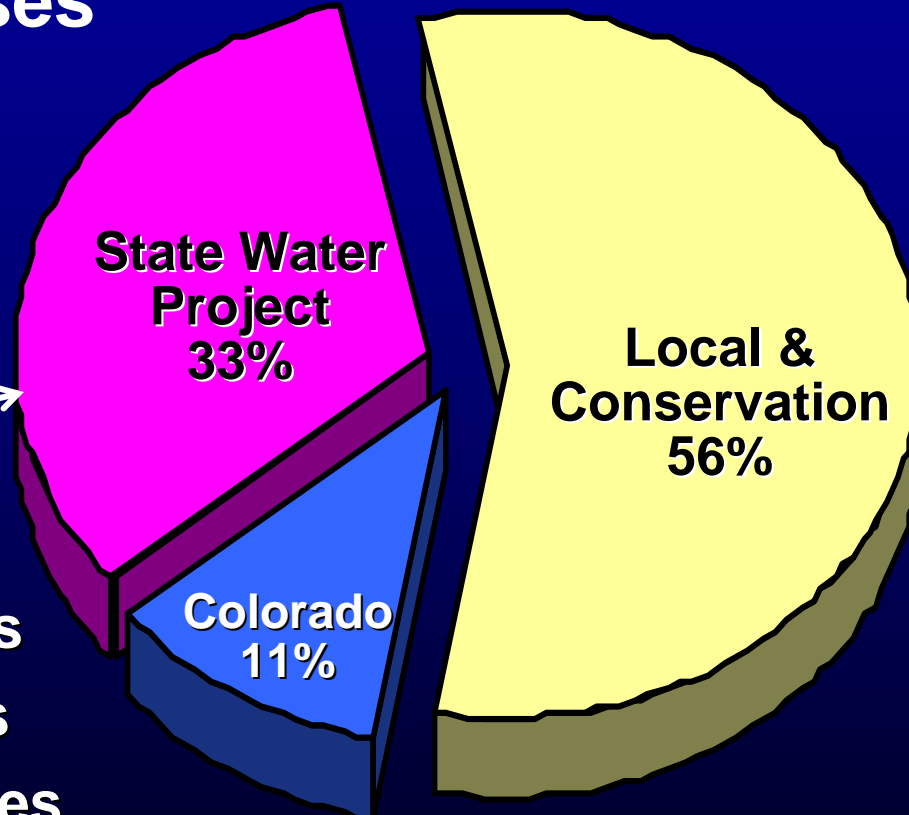
June 2003

# Where Southern California Gets its Water



# Total Supplies in 2003 Without QSA & Without ISG

Storage increases  
by 288,000 AF

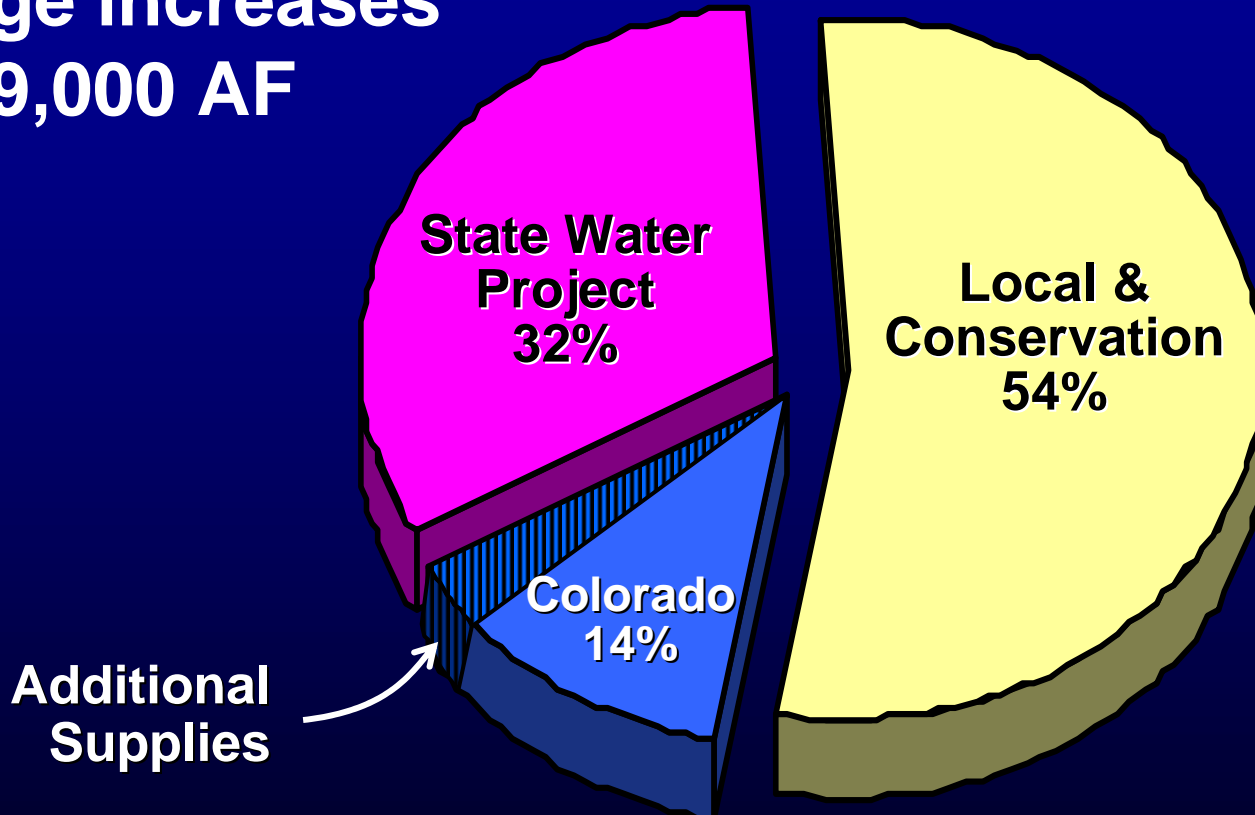


- Table A deliveries
- Minimal transfers
- Minimal exchanges

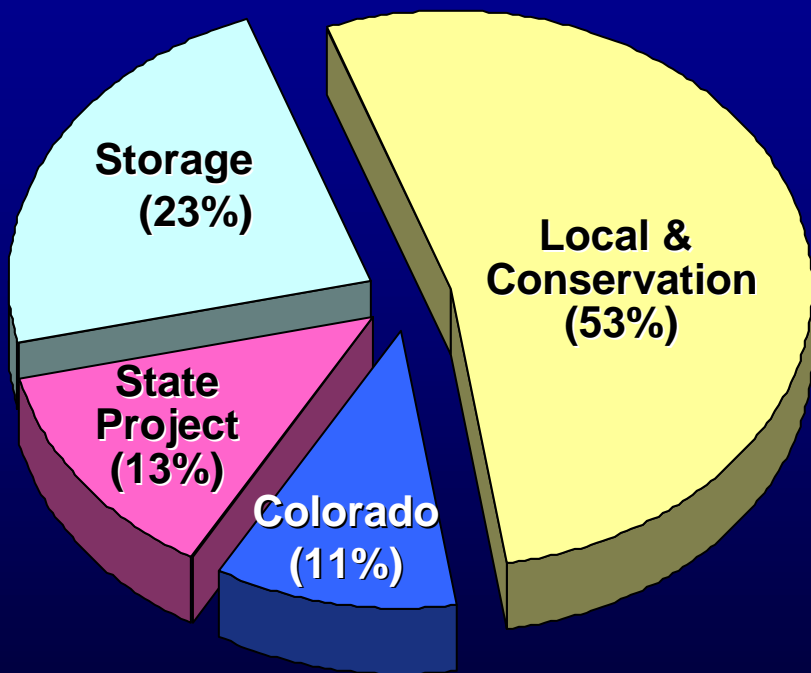
# Total Supplies in 2003

## With QSA & With ISG

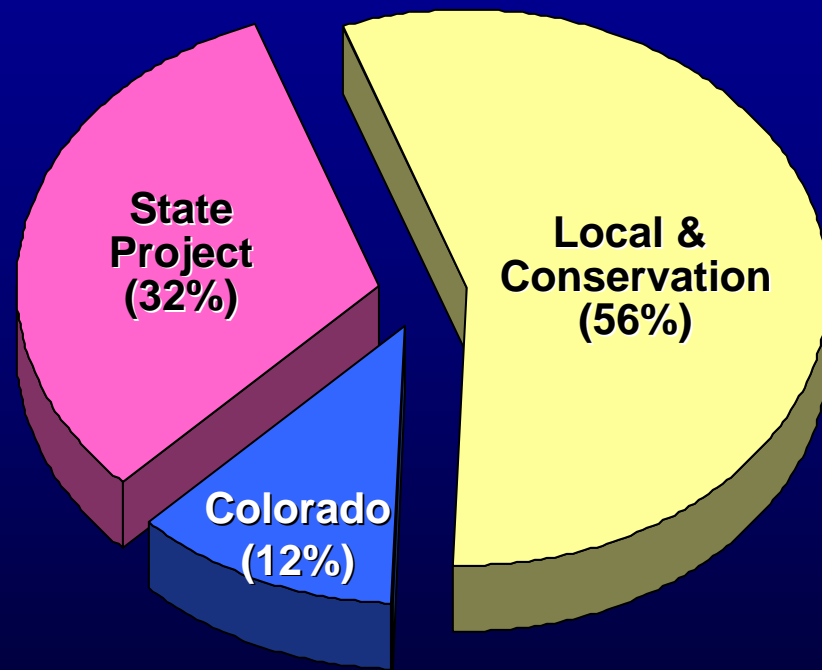
Storage increases  
by 479,000 AF



# Water Supply Impacts – Year 2016



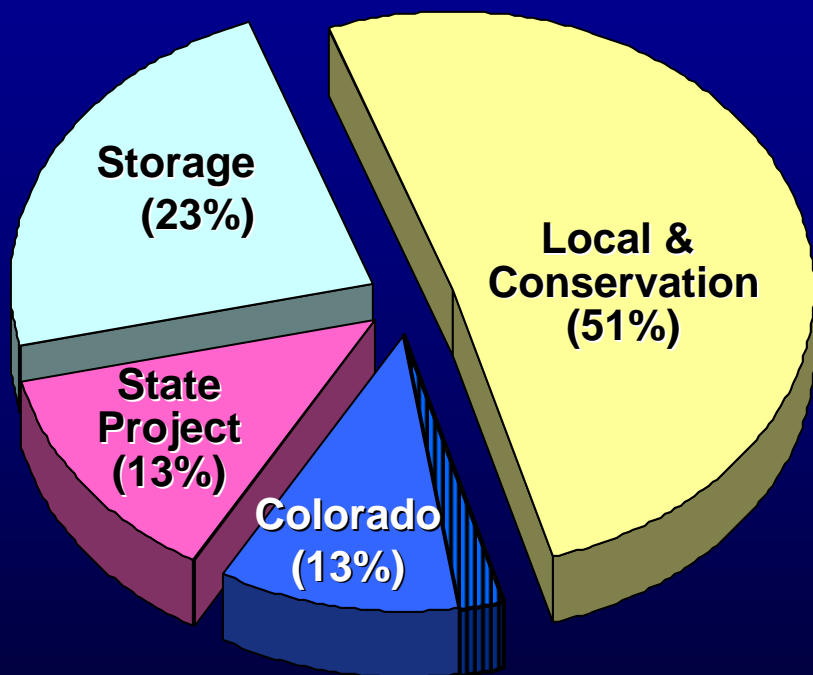
**Dry-year**



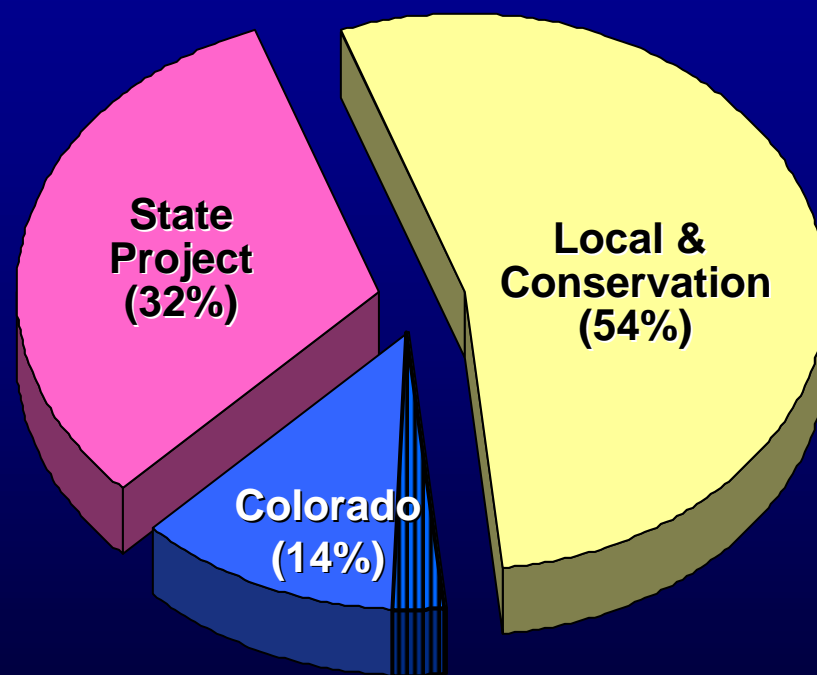
**Wet-year**

**Scenario 1: No QSA or ISG**

# Water Supply Impacts – Year 2016



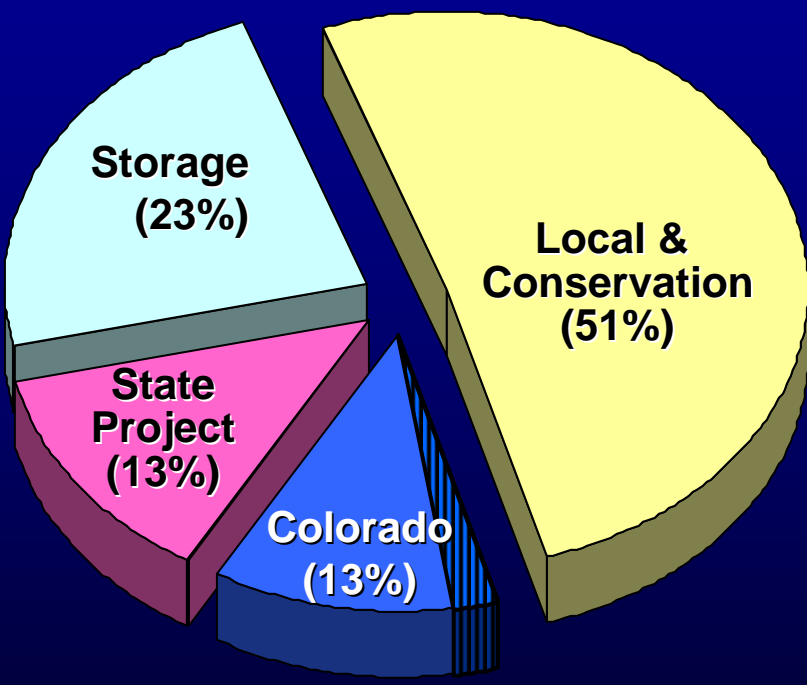
**Dry-year**



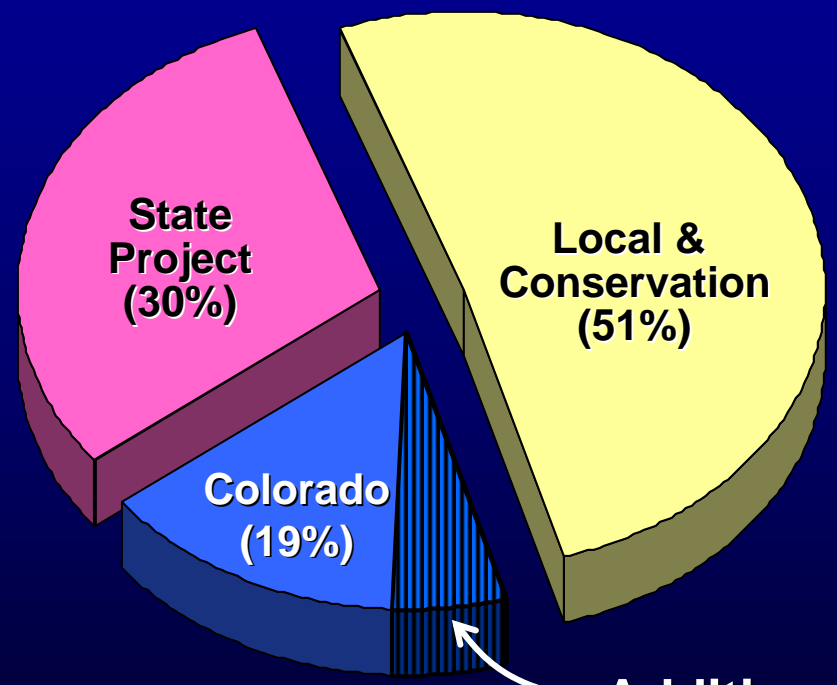
**Wet-year**

**Scenario 2: With QSA, no ISG**

# Water Supply Impacts – Year 2016



**Dry-year**

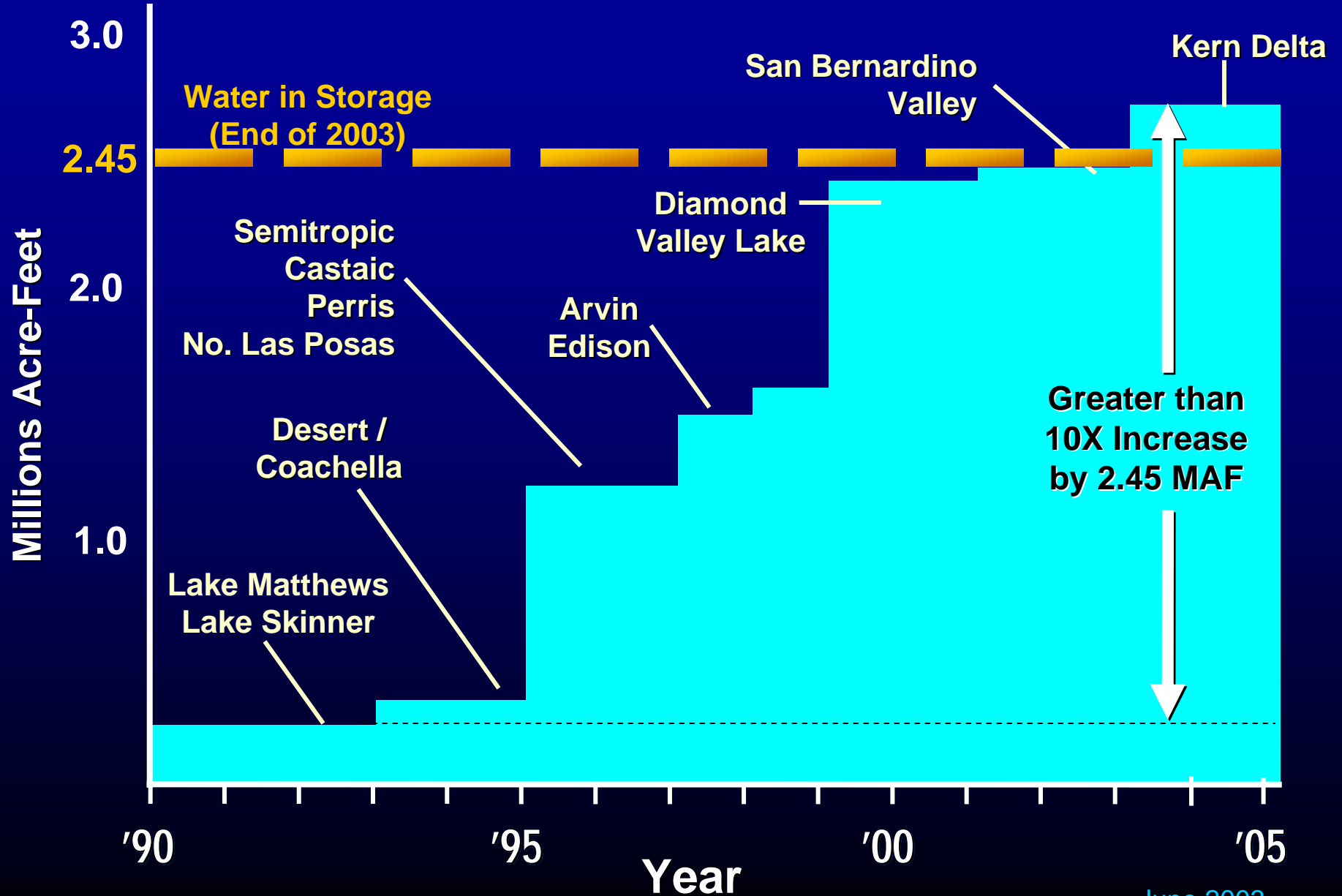


**Wet-year**

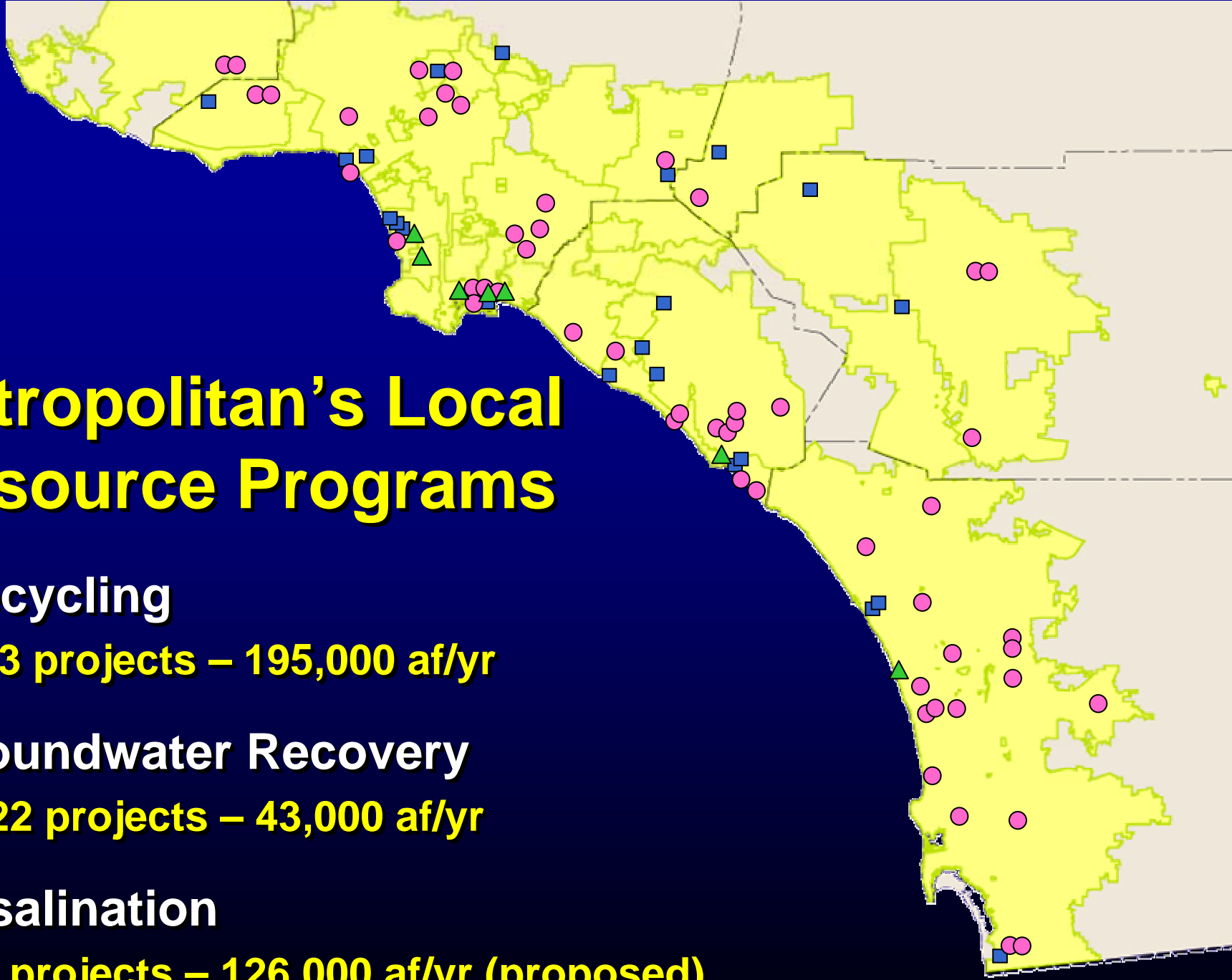
Additional Supplies

## Scenario 3: With QSA & ISG

# Metropolitan's Storage Capacity







# Metropolitan's Local Resource Programs

## Recycling

● 53 projects – 195,000 af/yr

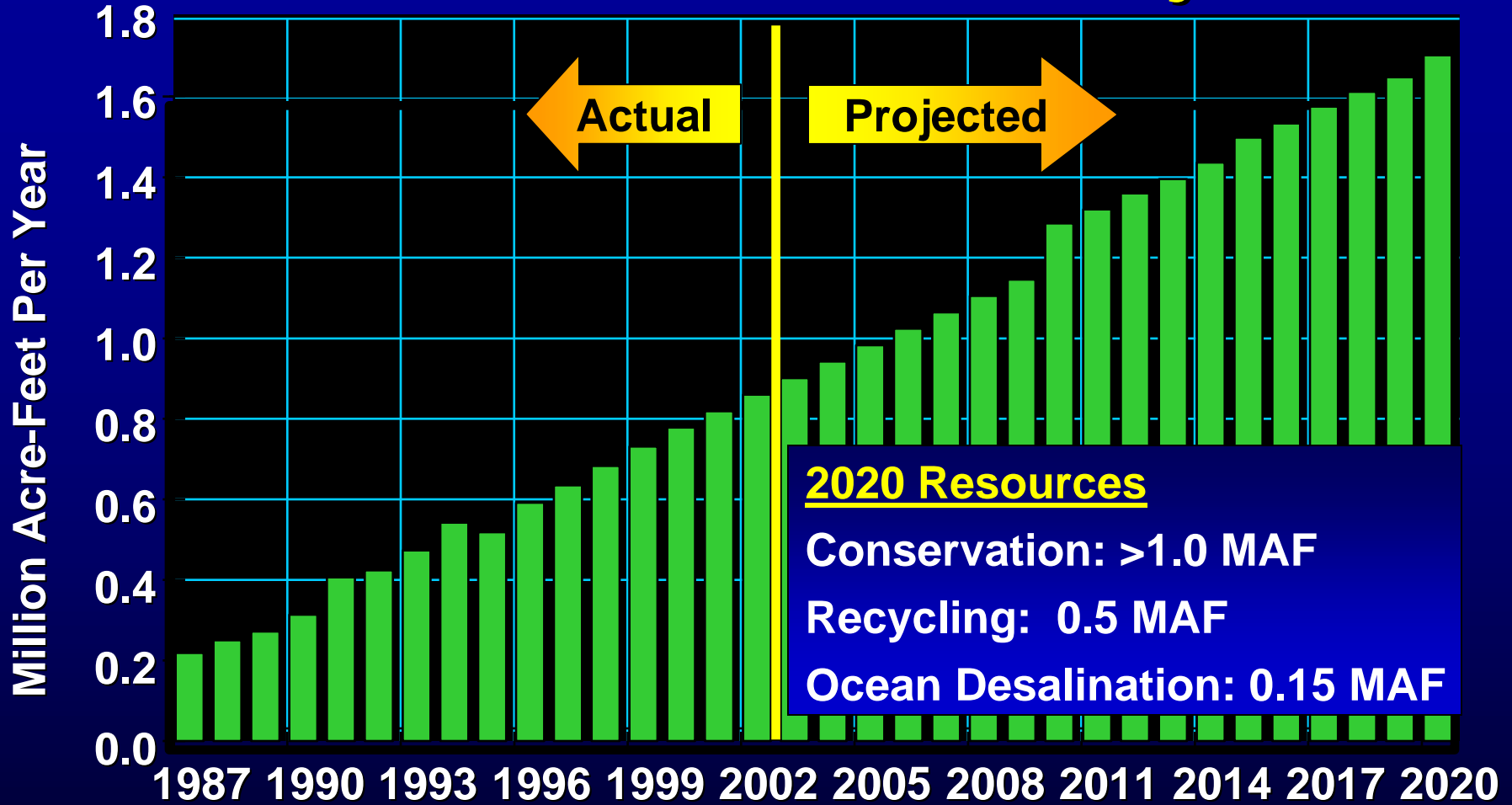
## Groundwater Recovery

■ 22 projects – 43,000 af/yr

## Desalination

▲ 5 projects – 126,000 af/yr (proposed)

# Conservation & Local Projects



Cumulative Investments:	As of 2000	By 2020
Conservation	\$220 mil	\$1,300 mil
Recycling	\$1,200 mil	\$4,100 mil
Ocean Desalination	—	\$1,200 mil
<b>Total</b>	<b>\$1,420 mil</b>	<b>\$6,600 mil</b>

# Conservation & Local Projects



## Native Plant & Outdoor Conservation program

## Annual Progress Report to the California State Legislature



June 2003

# Metropolitan's Water Supply Strategy

- **Develop diverse supplies**
- **Support conservation and local supplies**
- **Store water saved through conservation, recycling, and desalination**
  - **Every acre-foot of conserved water is an acre-foot of supply that can be stored**
- **Develop sufficient storage to support “wet year / dry year” strategy**
  - **Store conserved water and wet year water**
  - **Withdraw in dry years for greater reliability**
  - **Minimize impacts to environment and water users on SWP and Colorado River**

# Metropolitan's Water Supply Strategy

- Support CALFED as full package
- Support Colorado River quantification and surplus guidelines
  - Timely review of potential new water and surplus supplies in conjunction with Salton Sea restoration
- Support consistent CALFED and Colorado River principles
  - Beneficiary pays
  - Collaborative planning
  - Sound science approach
  - Competition

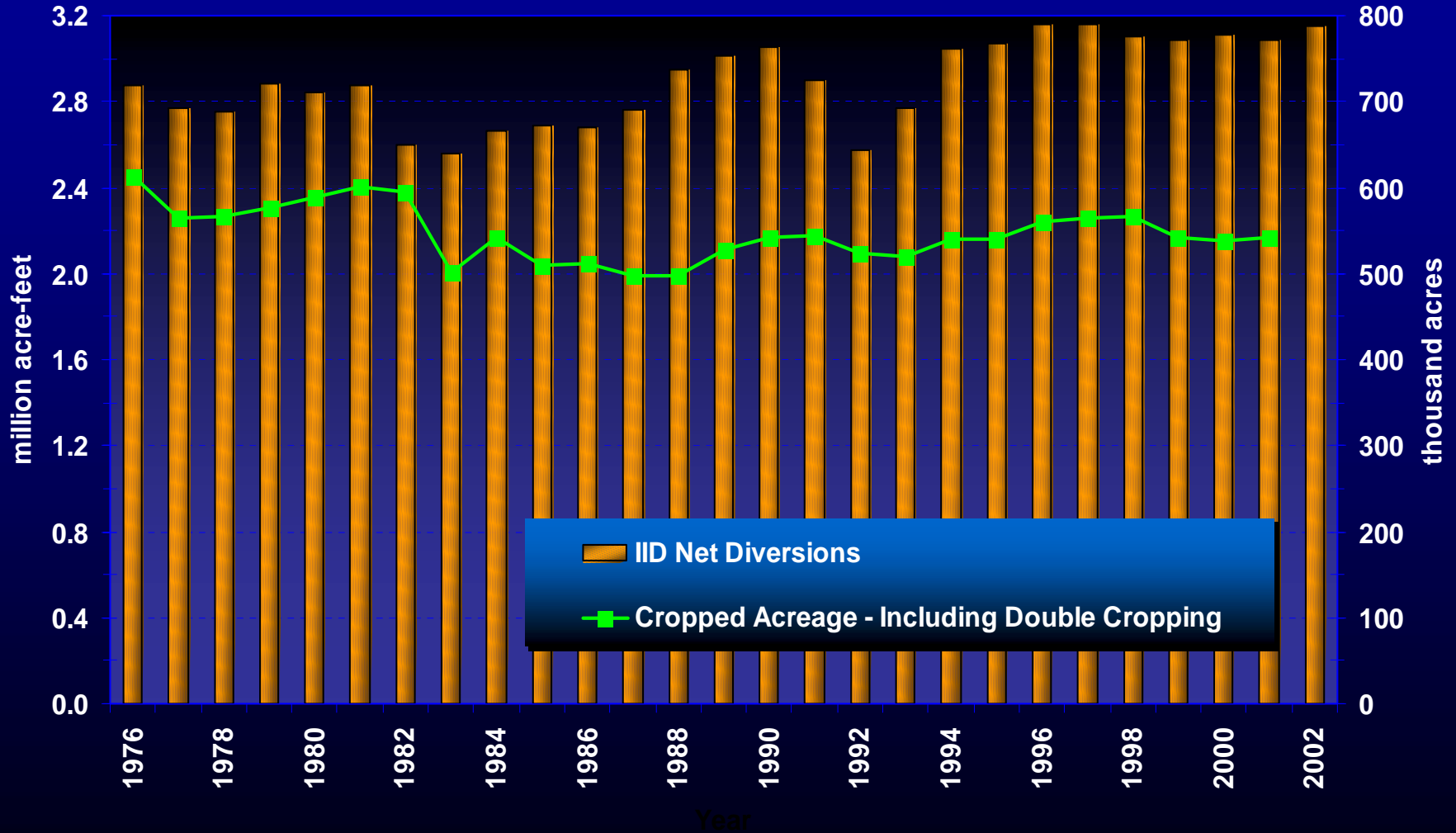
# Bottom Line

- Metropolitan can provide for regional reliability (SB221, SB610, SB60, Water Code).
- Current QSA proposal is not the “lynch-pin” for regional reliability in Southern California. Alternatives to current QSA proposal should be evaluated to avoid adverse impacts to CALFED and address Salton Sea restoration.
- The Integrated Resources Plan sets the course.
- Reliability comes from:
  - Financial investments
  - Assets in place
  - Diverse, credible plans to deal with demands and supply uncertainties



# Imperial Irrigation District

## Net Diversions Per Cropped Acre - Including Double Cropping





# Multiple Dry-Year Supply Capability & Projected Demands

