CUWA Drought Preparation and Response Actions

June 17, 2014
State Water Resources Control Board Meeting
Urban Water Conservation Status

Beau Goldie – CUWA Board Chair, CEO of Santa Clara Valley Water District
Who is CUWA?

Population Served 24 million

Retail Agencies:
• Alameda County Water District (ACWD)
• East Bay Municipal Utility District (EBMUD)
• Los Angeles Department of Water and Power (LADWP)

Retail/Wholesale Agencies:
• Contra Costa Water District (CCWD)
• City of San Diego (San Diego)
• San Francisco Public Utilities Commission (SFPUC)

Wholesale Agencies:
• Metropolitan Water District of Southern California (MWDSC)
• Santa Clara Valley Water District (SCVWD)
• San Diego County Water Authority (SDCWA)
• Zone 7 Water Agency (Zone 7)
CUWA Agency Supply Diversification for Long-Term Reliability

1990 Total Supply
- Recycled Water: 33%
- Water Transfers: 67%
- 5.4 MAF

2030 Total Supply
- Recycled Water: 55%
- Water Transfers: 45%
- 8.3 MAF

3.6 MAF
3.7 MAF

California Urban Water Agencies
Water Savings are a Critical Component of Future CUWA Agency Supplies

Estimated Conservation Savings, Thousand Acre-Feet (TAF)/Year

Actual

Projected

Estimated savings over 40 million acre-feet

CALIFORNIA URBAN WATER AGENCIES
Effectively Managing Water Demands, Even with Steady Population Growth

**Population Served**
- **Actual**: 19, 22, 24, 26, 28
- **Projected**: 24, 28

- 47% Increase

**Total Urban Demand**
- **Actual**: 5.1, 4.9, 5.0
- **Projected (Average Year)**: 6.0, 7.4

- 15% Increase

**Water Conservation Savings**

- C A L I F O R N I A  U R B A N  W A T E R  A G E N C I E S
Over $21B Invested and More to Come

CUWA INVESTMENTS IN WATER SUPPLY RELIABILITY OVER THE PAST 20 YEARS

$4B
WATER CONSERVATION AND SUPPLY DIVERSIFICATION

$17B
INFRASTRUCTURE AND SYSTEM RELIABILITY IMPROVEMENTS

20 YEARS OF WATER SUPPLY RELIABILITY INVESTMENTS

*Not including CUWA wholesale customer investments, grant funds, or full infrastructure renewal and replacement costs.

CALIFORNIA URBAN WATER AGENCIES
Increased Conservation Activities Provide Lasting Savings

Before and After Turf Replacement (City of San Diego)
CUWA Retail Agencies on Track for 20 x 2020

*No target, baseline <100 gpcd
Customer Response to Drought Messaging since January

• **4-fold increase** in conservation staff phone call volume

• **More than tripled** requests for high efficiency toilet rebates

• **As much as 30 times more** requests for residential conservation kits than the normal monthly rate

• **As much as a 10-fold increase** in "Turf Replacement Rebate" applications
Individual CUWA Agencies are Tracking Drought Response – Retail Agency Example

EBMUD’s Biweekly Water Supply and Drought Management Update

CALIFORNIA URBAN WATER AGENCIES
Wholesalers are Also Tracking Water Use and Drought Response

Cumulative Water Use by Major Retailers

Major Retailers
2013 - 2014 February to December
Monthly Water Use and Savings Target

SCVWD’s Board report

CALIFORNIA URBAN WATER AGENCIES
See www.cuwa.org for
- Annual Report
- Policy Principles
- Water Supply Reliability Report
- Water Reuse Update

Or contact CUWA Staff –
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