

Governance: Water Conservation Laws and Requirements

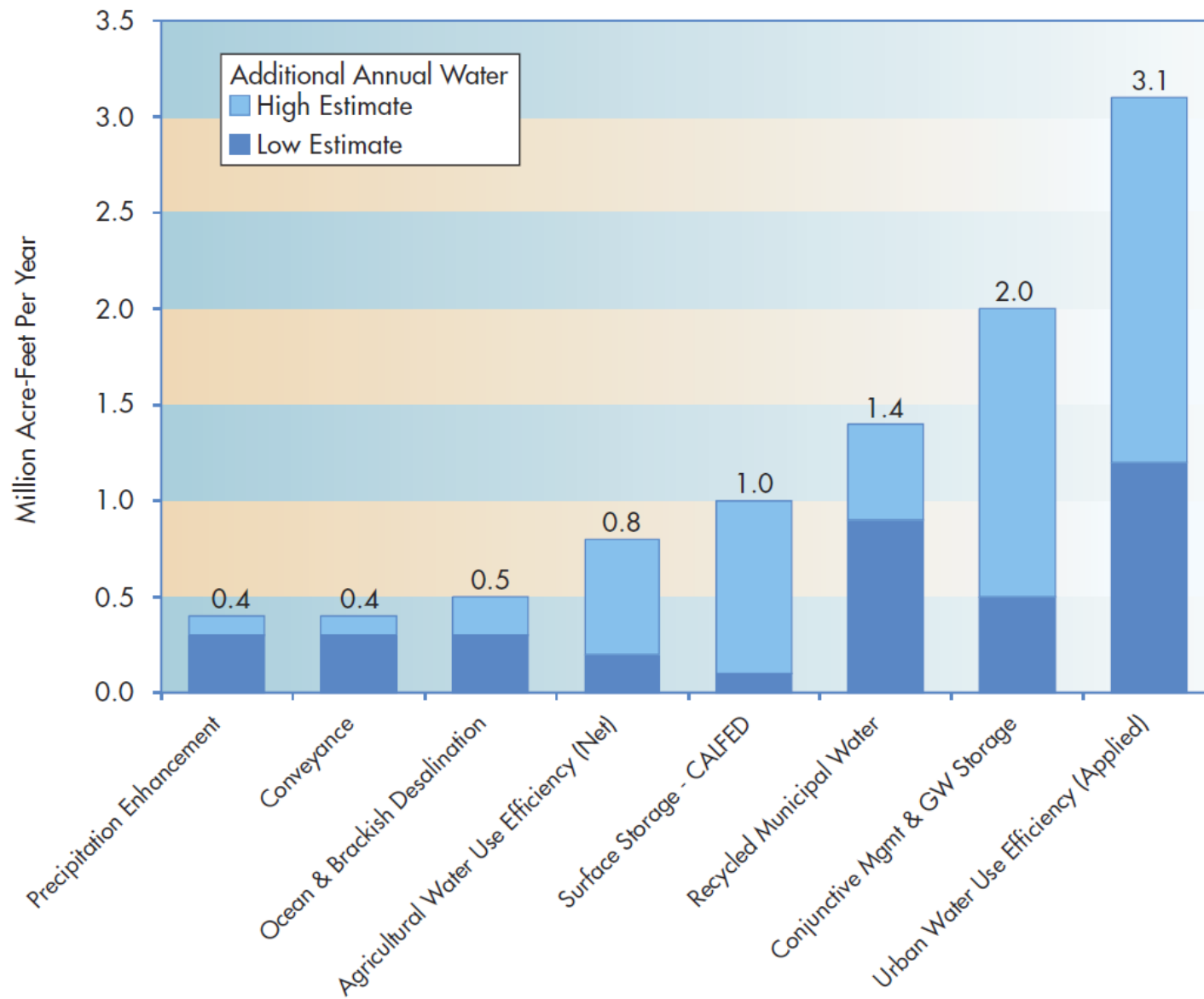
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California Department of Water Resources

Urban Water Use Efficiency



League of Women Voters
Bay Area League Day
February 2, 2013



The right to water shall be limited to such water as shall be **reasonably** required for the **beneficial** use to be served, and such right does not extend to the **waste** or **unreasonable** use of water.

California Constitution Article 10



Water Conservation Legislation Driven by Drought



Urban Milestones

1976-1977 Drought

Urban Water Management Planning Act (1983)

3.5 Gallon Toilet Standard (1980)

1988-1992 Drought

Urban Best Management Practices - CUWCC

1.6 Gallon Toilet Standard

Landscape Model Ordinance

2007-2009 Drought

Water Conservation Act of 2009

20% Reduction by 2020

SBX7-7

Water Conservation Act of 2009



Urban Water Suppliers Must Calculate and Report :

Baseline Water Use
Average Historical Water Use



Target Water Use
10% Reduction by 2015
20% Reduction by 2020

Suppliers not meeting their target are ineligible for water management grants.

Example Agencies



East Bay Municipal Utility District

Baseline - 165 GPCD

Target - 150 GPCD

Projected 2020 water use lower than target



San Francisco Public Utilities Commission

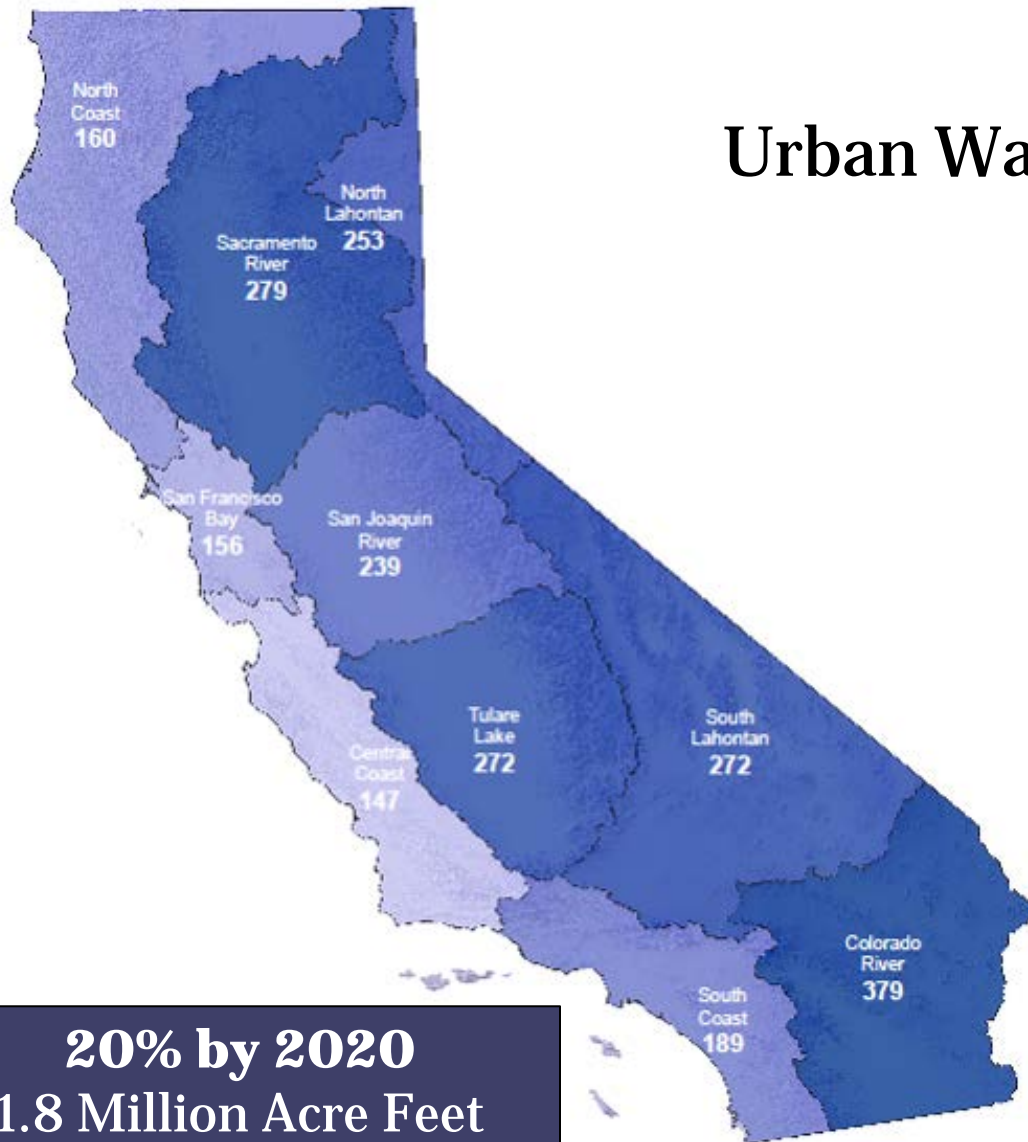
Under 100 GPCD – Exempt from water use reductions. Continued Conservation Efforts

400 Urban Water Management Plans Received

Average Baseline
200 GPCD

Water Agency Average
2020 Target
167 GPCD

Statewide 2020 Target
160 GPCD



20% by 2020
1.8 Million Acre Feet
Demand Reduction

1.8 million acre feet of water is equivalent to the annual water use of the following cities:

- **City of Los Angeles**
- **San Francisco PUC**
- **East Bay Municipal Utility District**
- **City of San Diego Public Utilities Dept**
- **City of Fresno**
- **Eastern Municipal Water District**
- **San Jose Water Company**

Agricultural Water Use and SBX7-7

Adopt Water Measurements Regulation

Agricultural Water Management Plans

Update Efficient Water Management Practices





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