

City of Fresno 2015 Urban Water Management Plan

*Presentation to Fresno City Council
and Public Hearing*

June 23, 2016

City of
FRESNO
WATER DIVISION



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Presentation Outline

- Overview of Urban Water Management Planning Act Requirements
- Components of the City's 2015 UWMP
- Actions Completed to Date
- Next Steps

What is an Urban Water Management Plan (UWMP)?

- Long-range water planning document
- Planning tool to ensure adequate availability and reliability of water supplies to meet current and future demands
- Serves as a foundational document for Water Supply Assessments (as required by SB610 and SB221)

Why is An UWMP Update Required?

- Urban Water Management Planning Act (AB 797)
(Water Code Sections 10610-10656)
 - Applies to Urban Water Suppliers directly or indirectly serving more than 3,000 customers or more than 3,000 AFY of supply
 - Required to be updated every 5 years
 - Required to remain eligible for State grants and loans
- The City of Fresno is an “Urban Water Supplier”
 - Currently serves approximately 133,000 connections
 - Provided about 111,000 acre-feet of water for municipal purposes in 2015
 - City’s last UWMP was adopted in November 2012

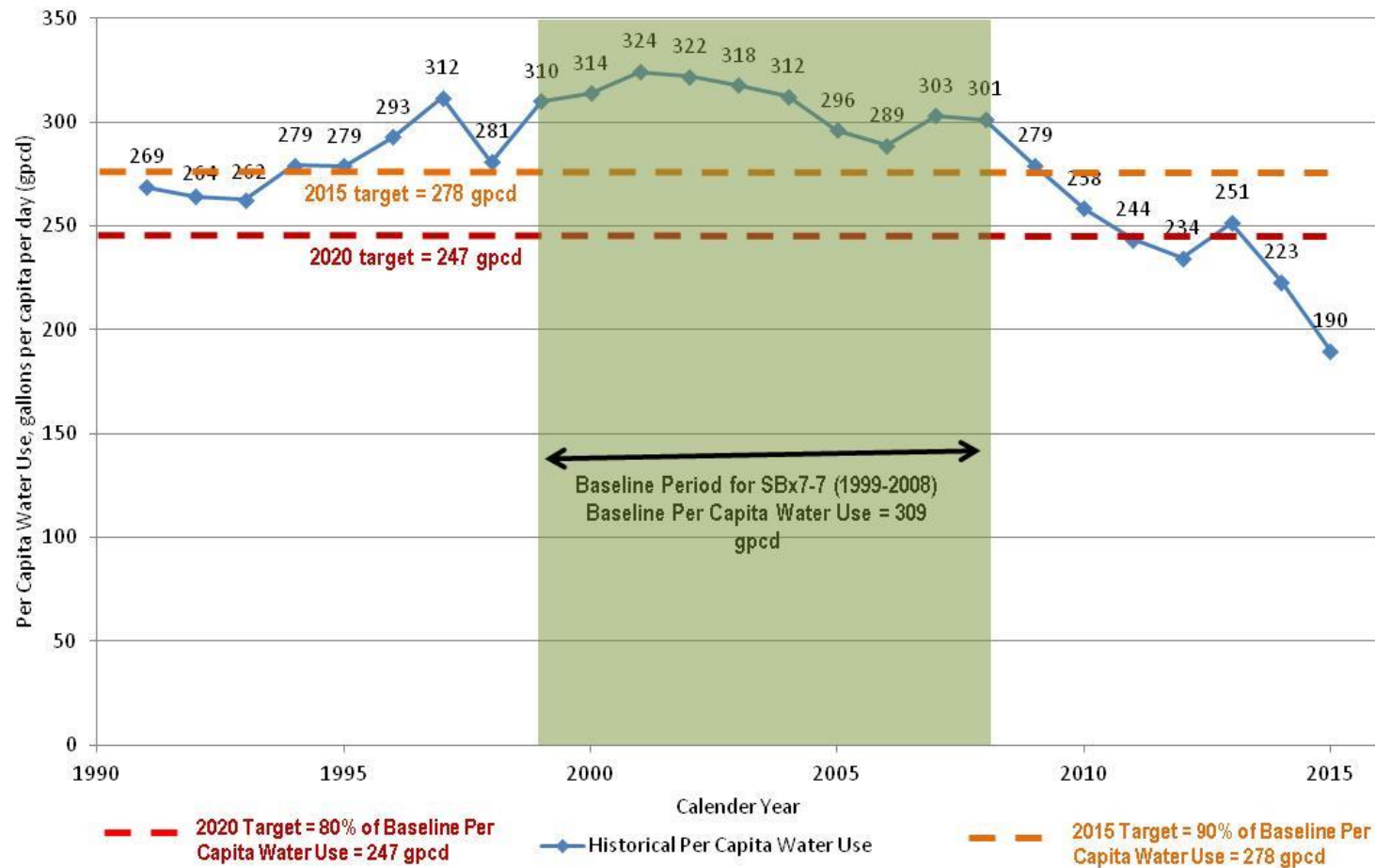
New Requirements for 2015 UWMPs

- Requires “retail” urban water suppliers (e.g. the City) to verify that the prior adopted 2015 water use target was met.
- Provides retail urban water suppliers an opportunity to revise 2020 water use target.
- Requires a plan to qualify and report on distribution system water losses.
- Requires each urban water supplier to submit its 2015 plan to DWR by July 1, 2016

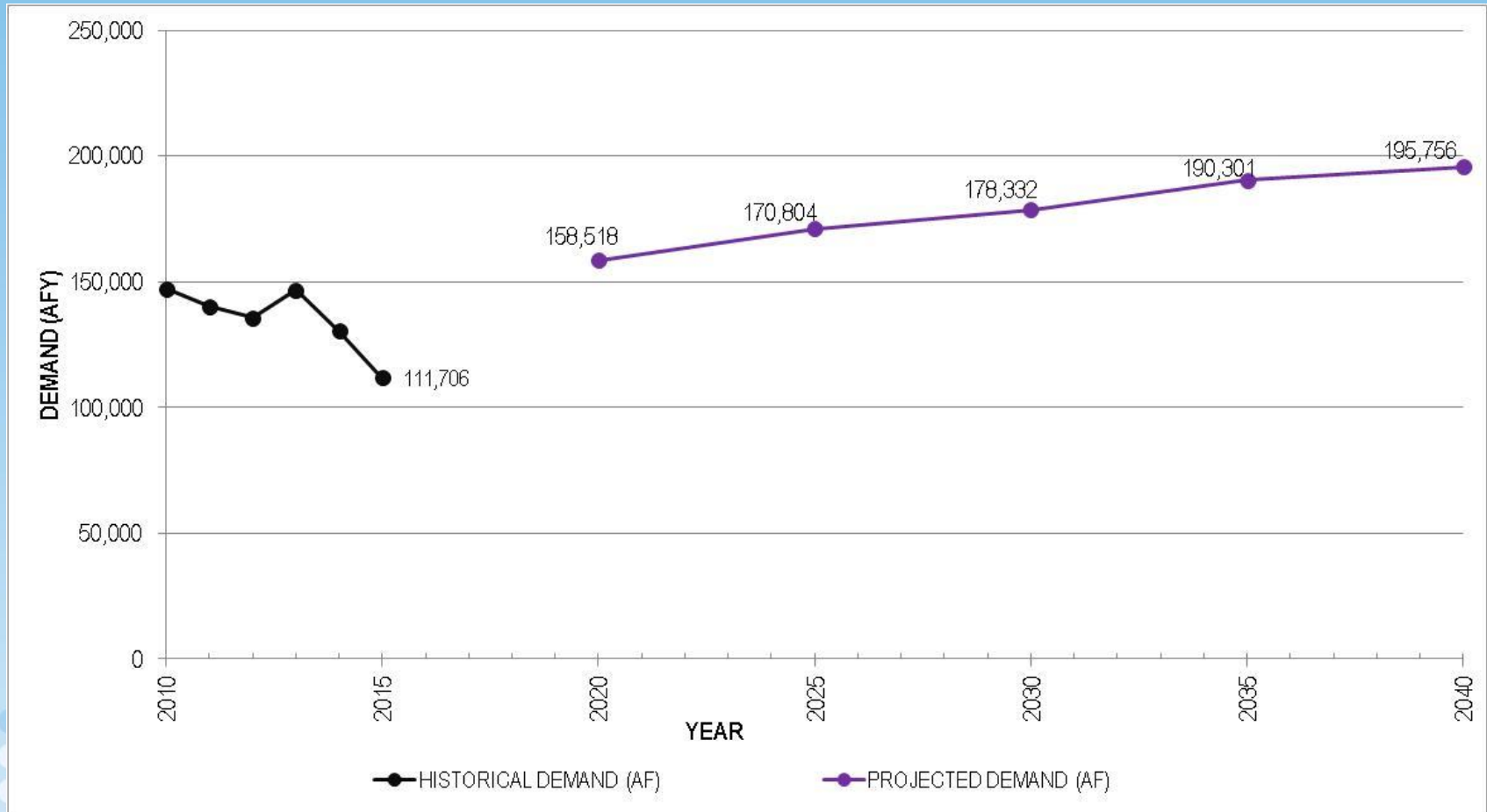
Key Components of the City's 2015 UWMP

- **Water Demand Projections** incorporating SBx7-7 per capita water use targets
- **Water Supply Availability and Reliability** (USBR, FID, recycled water, and local groundwater supplies)
- **Supply and Demand Comparison** to identify any potential supply shortfalls
- **Water Shortage Contingency Plan** to be implemented in the event of a water shortage or other water supply emergency
- **Demand Management and Water Conservation Measures** to reduce water use and help comply with SBx7—7 requirements

Per Capita Water Use Targets



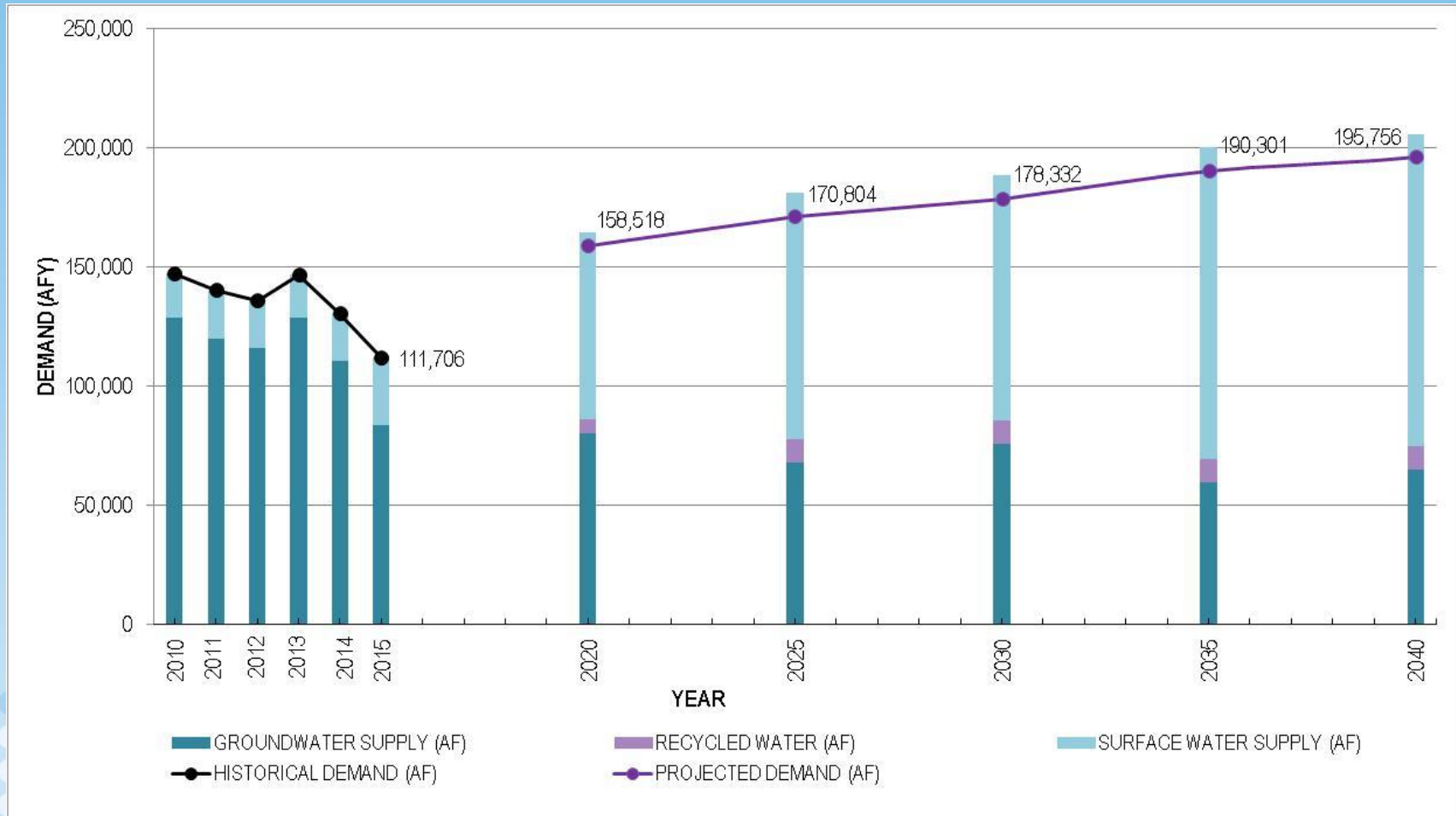
Projected Water Demands



Projected Water Supplies

- Proposed expansion of treatment capacity
- Decreased reliance on groundwater
- Sustainable groundwater operations
- Use of recycled water to offset potable water demands

Projected Supply vs. Demand



Water Shortage Contingency Plan

- Response to sustained droughts and emergency events
- Four-stage water use reduction plan
- Triggers based on water supply availability and reliability

WATER SHORTAGE CONTINGENCY PLAN	
Stage 1 – 10% Reduction	Voluntary Restrictions
Stage 2 – 25% Reduction	Mandatory Restrictions
Stage 3 – 35% Reduction	Mandatory Restrictions
Stage 4 – 50% Reduction	Mandatory Restrictions

Water Conservation & Demand Management

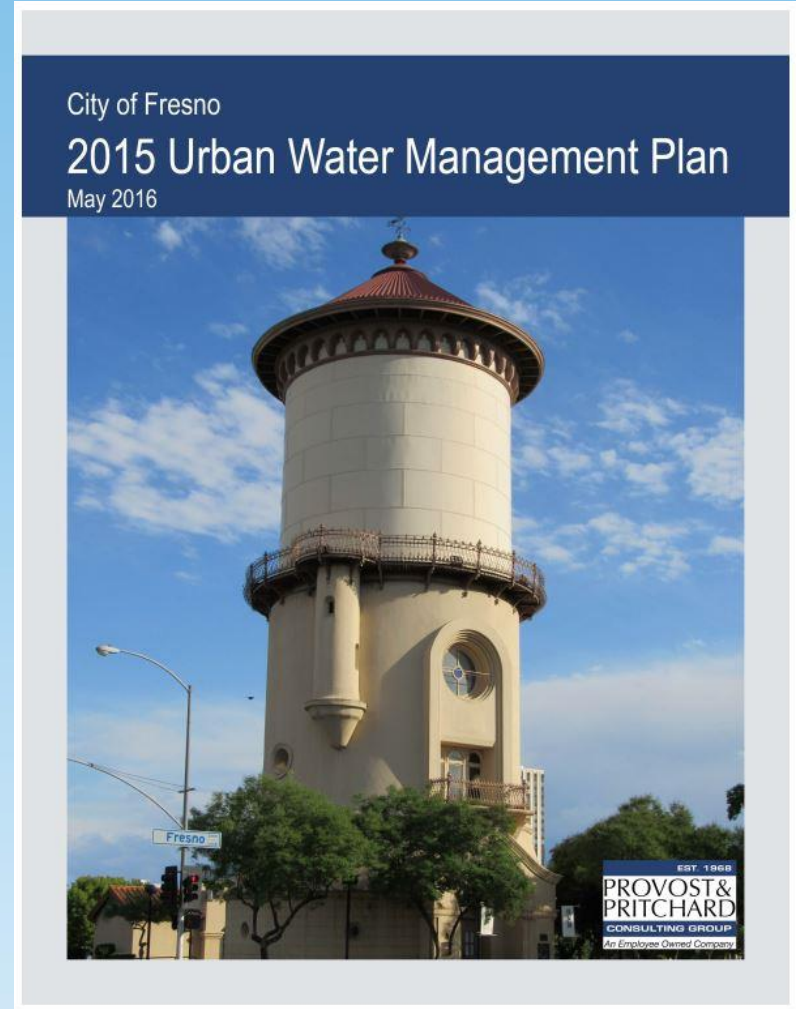
- Residential Water Metering Program
 - More than 111,850 meters have been installed
 - All customers have been billed volumetrically since 2013
- Water Conservation Best Management Practices (BMPs)
 - Residential water surveys
 - Rebate Programs
 - Public and school education programs

Actions Completed to Date

- Urban Water Management Planning Act:
 - Provided 60-day notice to Fresno County and other stakeholders (November 15, 2015)
 - Prepared Draft UWMP (May 2016)
 - Provided copies of Draft UWMP at City Hall, City Utilities Department Water Division office, Fresno County Public Library and on the City's websites for public review (May 11, 2016)
 - Published notice of public hearing in The Fresno Bee & The Business Journal (May 11th and 18th)

Proposed Action Items for Today

- Conduct public Hearing for 2015 Draft UWMP
- Consider adoption of the 2015 UWMP



Upon Adoption of the 2015 UWMP...

- Submit Final 2015 UWMP to DWR and the California State Library
 - Any subsequent comments received from DWR will be addressed as needed
- Submit Final 2015 UWMP to...
 - Fresno County, FID, City of Clovis, USBR, Bakman Water District, Pinedale County Water District, and others.
- Provide Copies of the Final 2015 UWMP for public reference
 - Department of Public Utilities Water Division office
 - Fresno County Public Library
 - City Website (www.fresnowater.gov/Government/DepartmentDirectory/PublicUtilities/Watermanagement/importantdocuments.htm)

QUESTIONS



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OPEN PUBLIC HEARING

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