

# 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



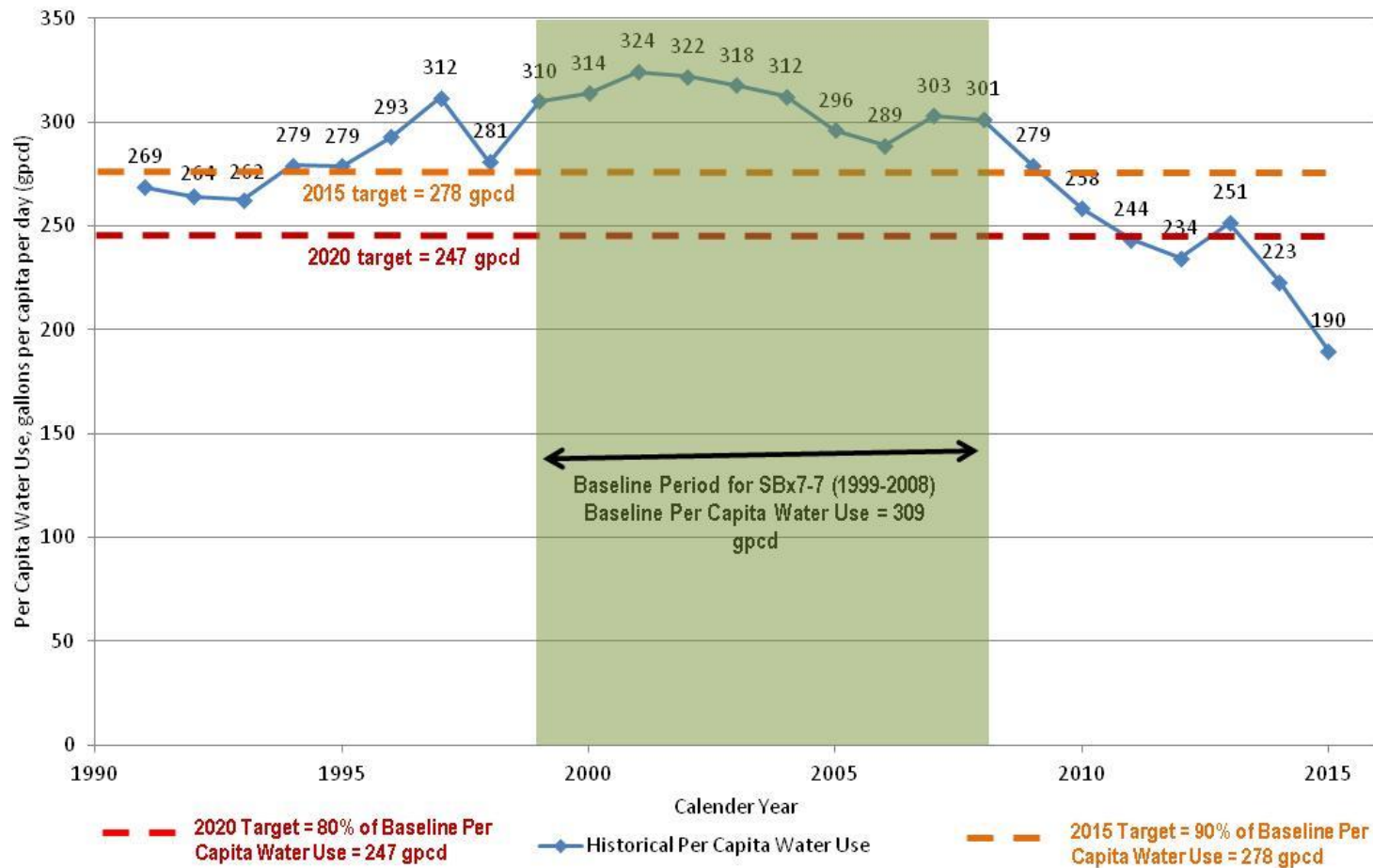
# New Requirements for 2015 UWMPs

- 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

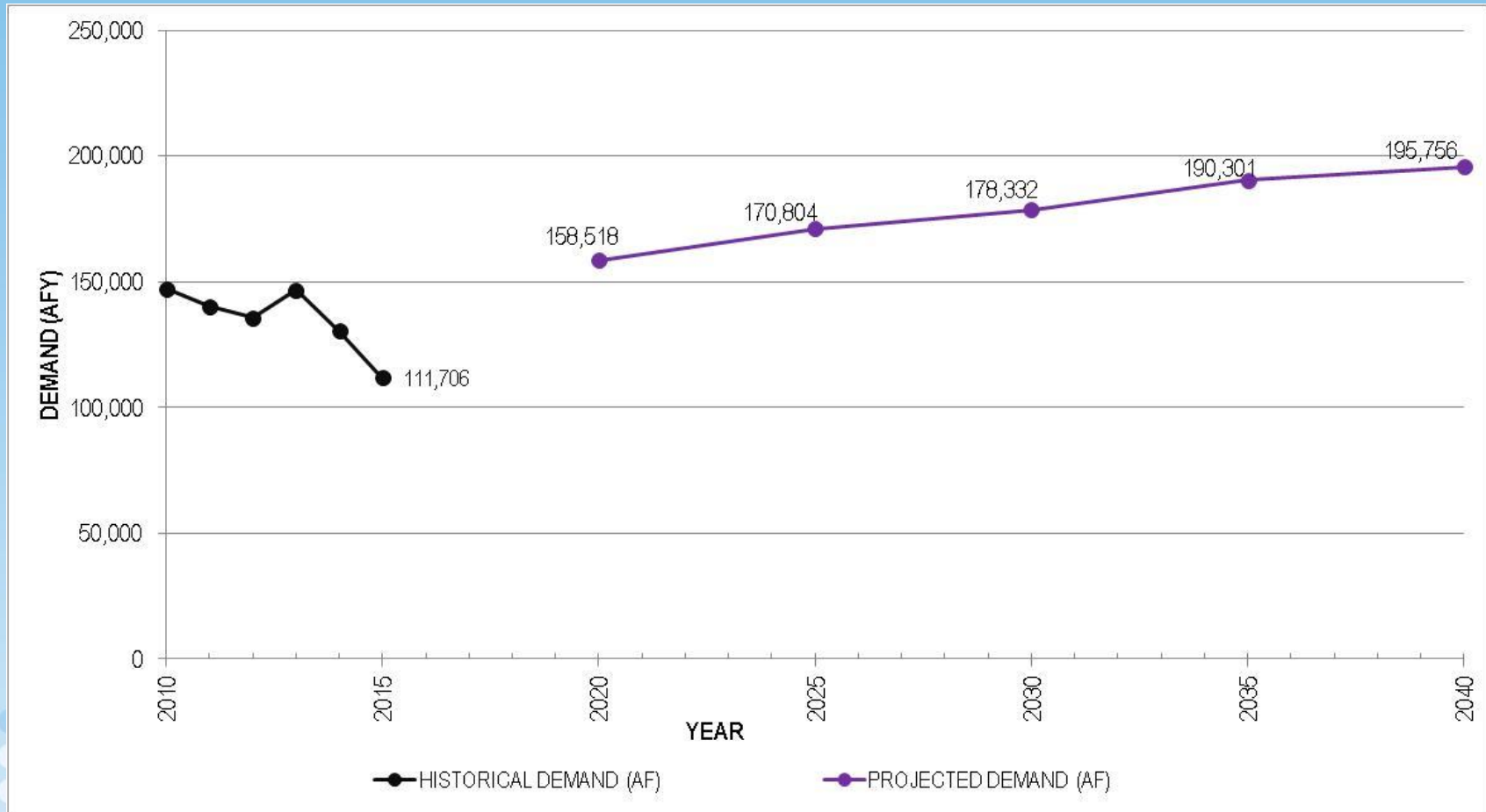
# Key Components of the City's 2015 UWMP

- **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

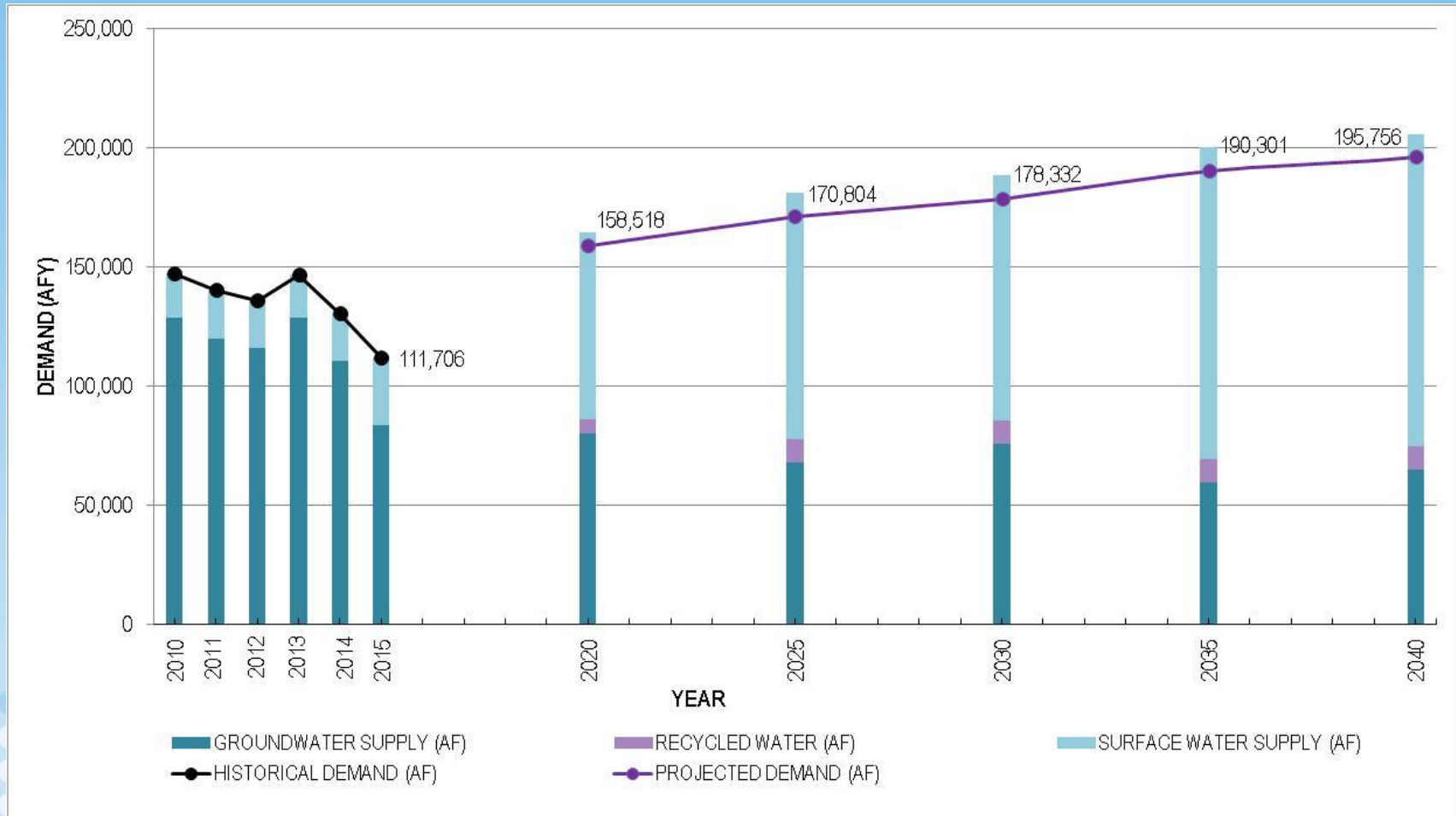




# Projected Water Supplies

- 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

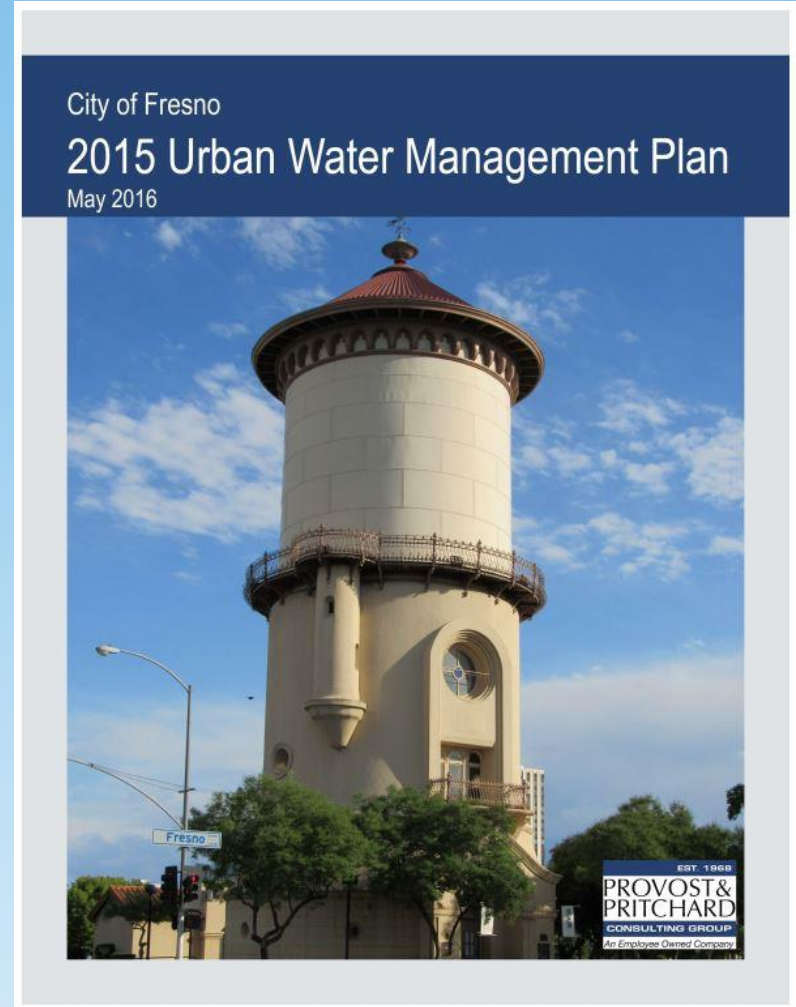
# Actions Completed to Date

- 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 11<sup>th</sup> and 18<sup>th</sup>)



# 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](http://www.fresnowater.gov/Government/DepartmentDirectory/PublicUtilities/Watermanagement/importantdocuments.htm))

# QUESTIONS



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# OPEN PUBLIC HEARING

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