



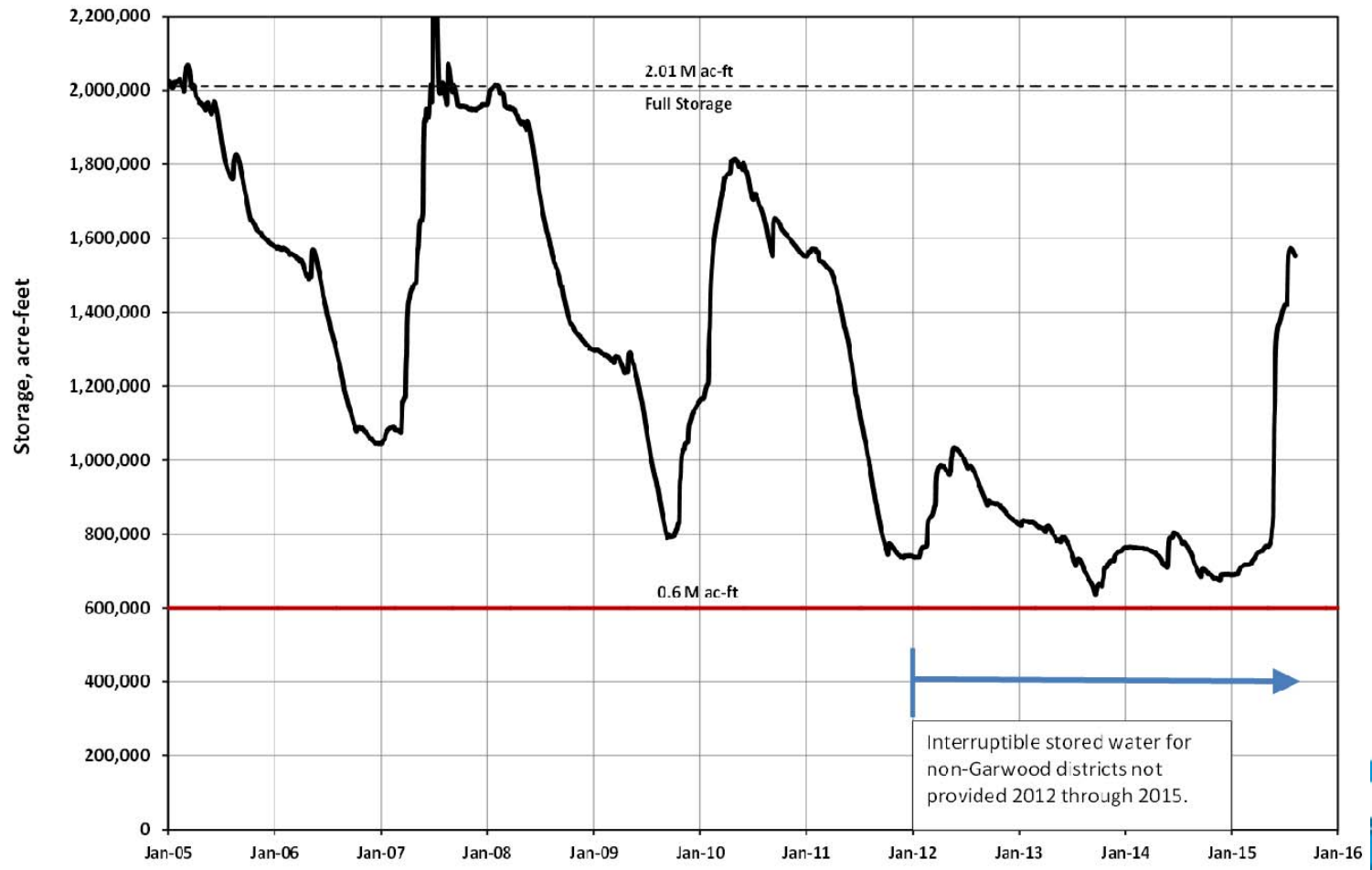
Austin Water Utility

Water Resource Management Plans

Sunset Valley Public Works
Committee Meeting
August 13, 2015

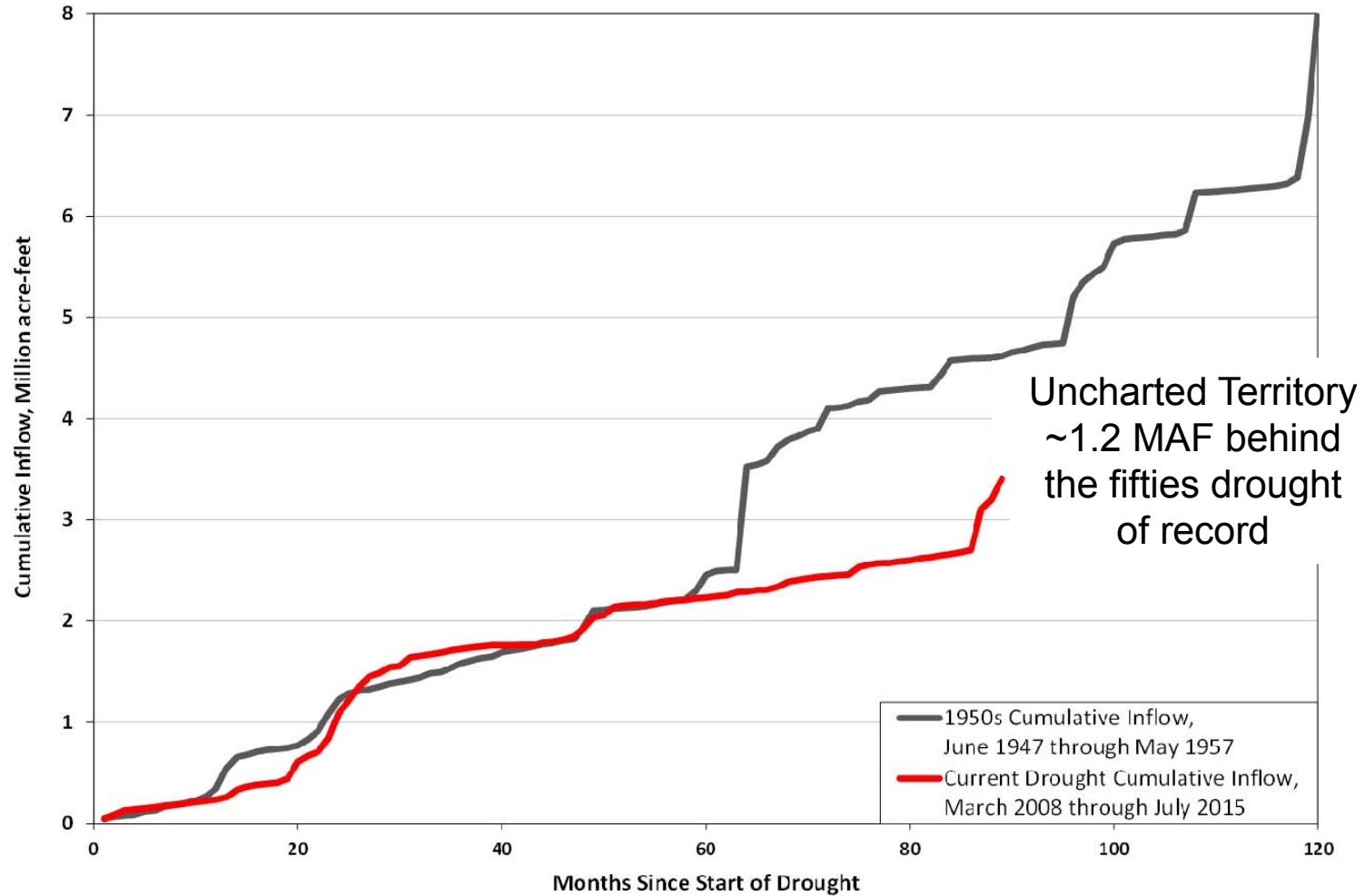


Combined Storage of Lakes Buchanan and Travis January 1, 2005 through August 7, 2015





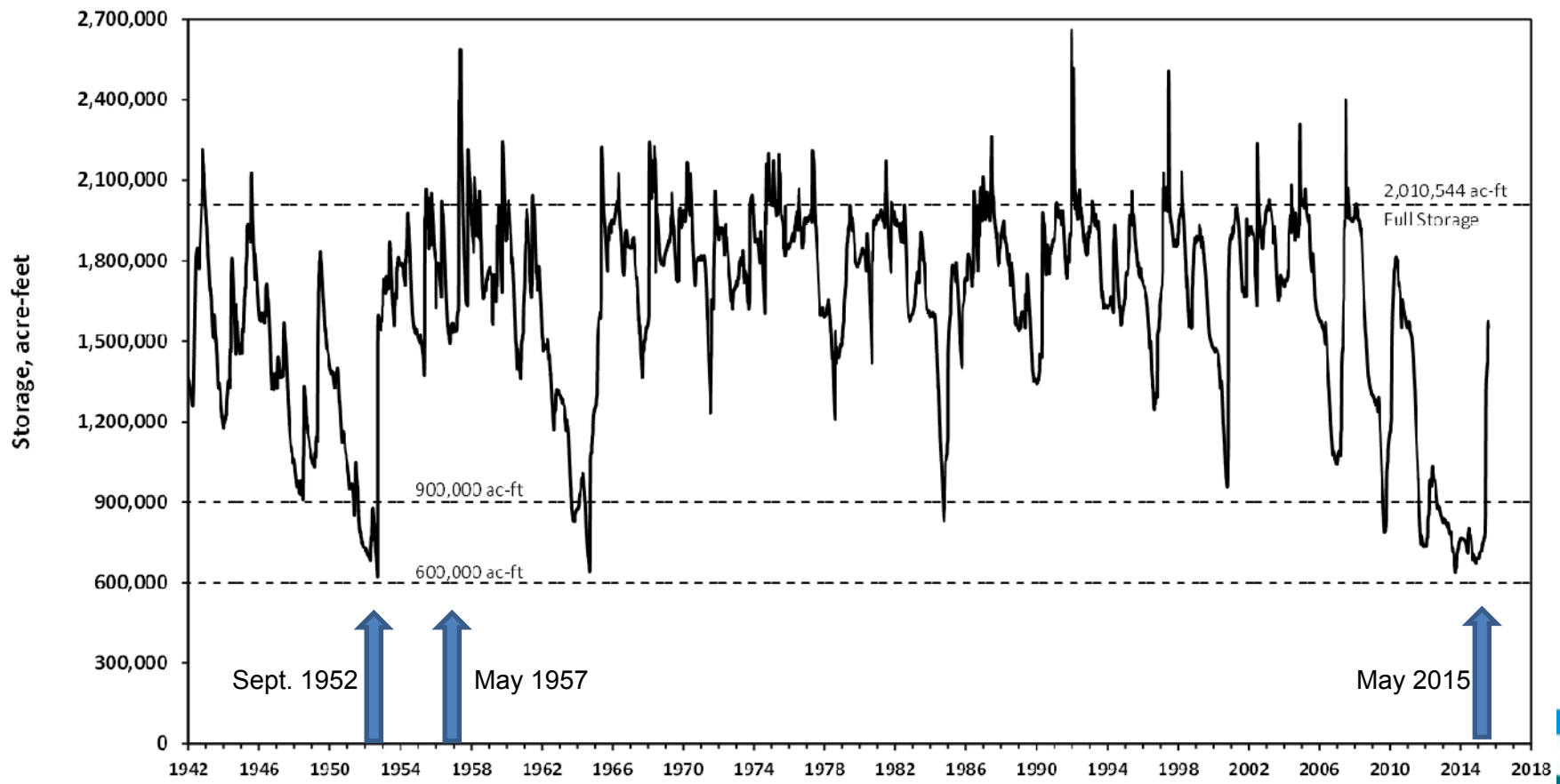
Cumulative Inflow to Lakes Buchanan and Travis





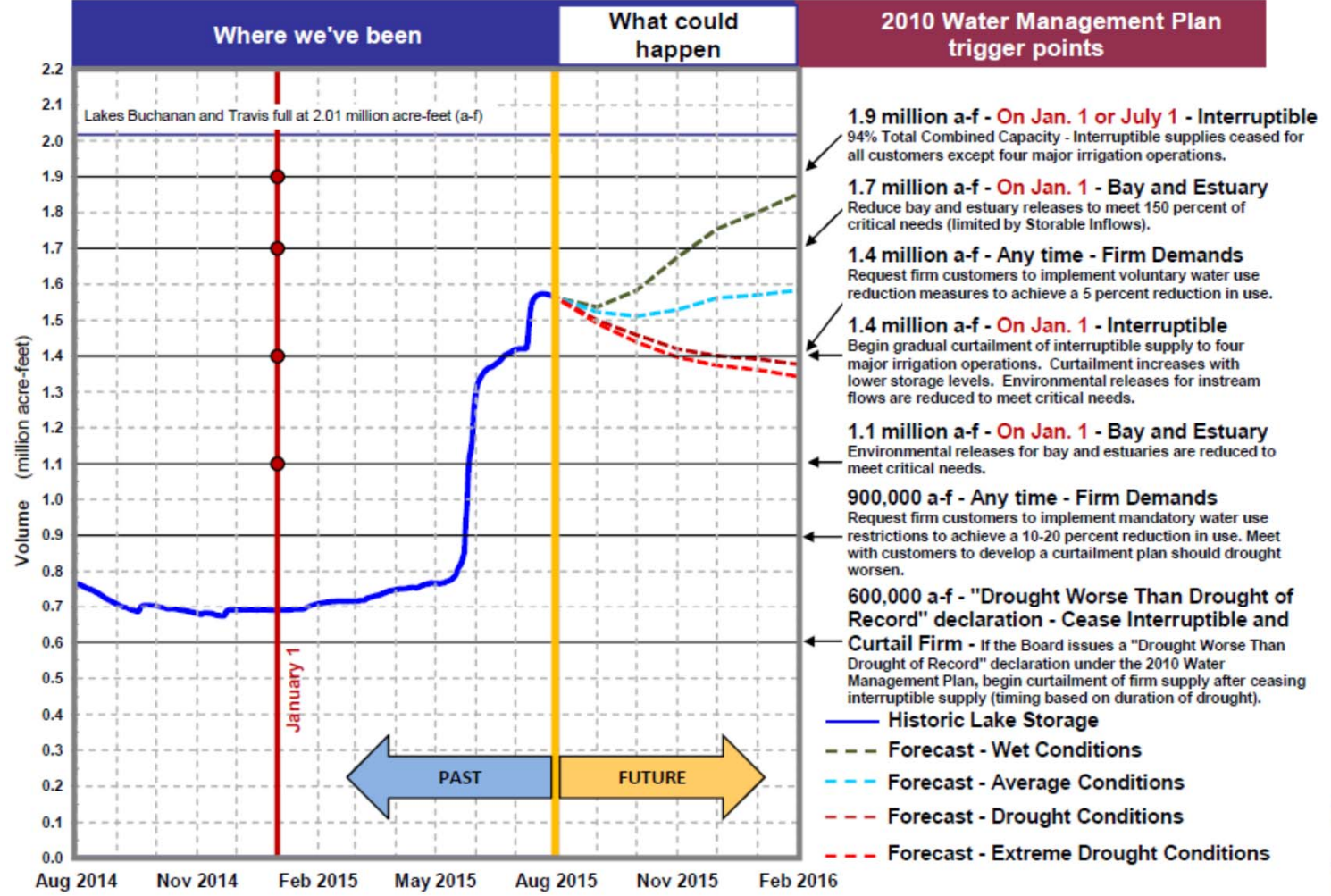
Combined Storage of Lakes Buchanan and Travis

January 31, 1942 through August 7, 2015





Highland Lakes Storage



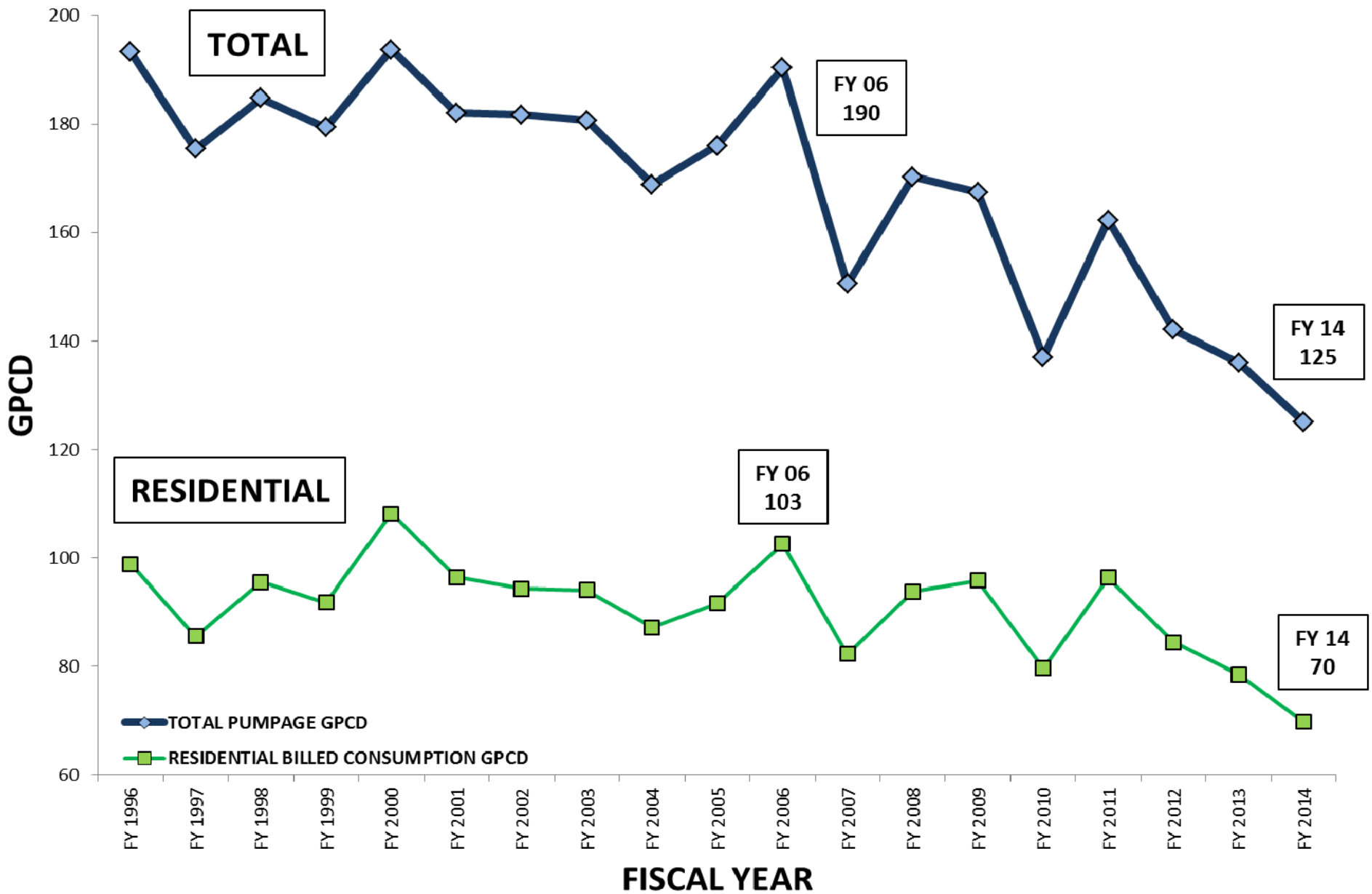
Note: One acre-foot equals 325,851 gallons.

Date: August 1, 2015

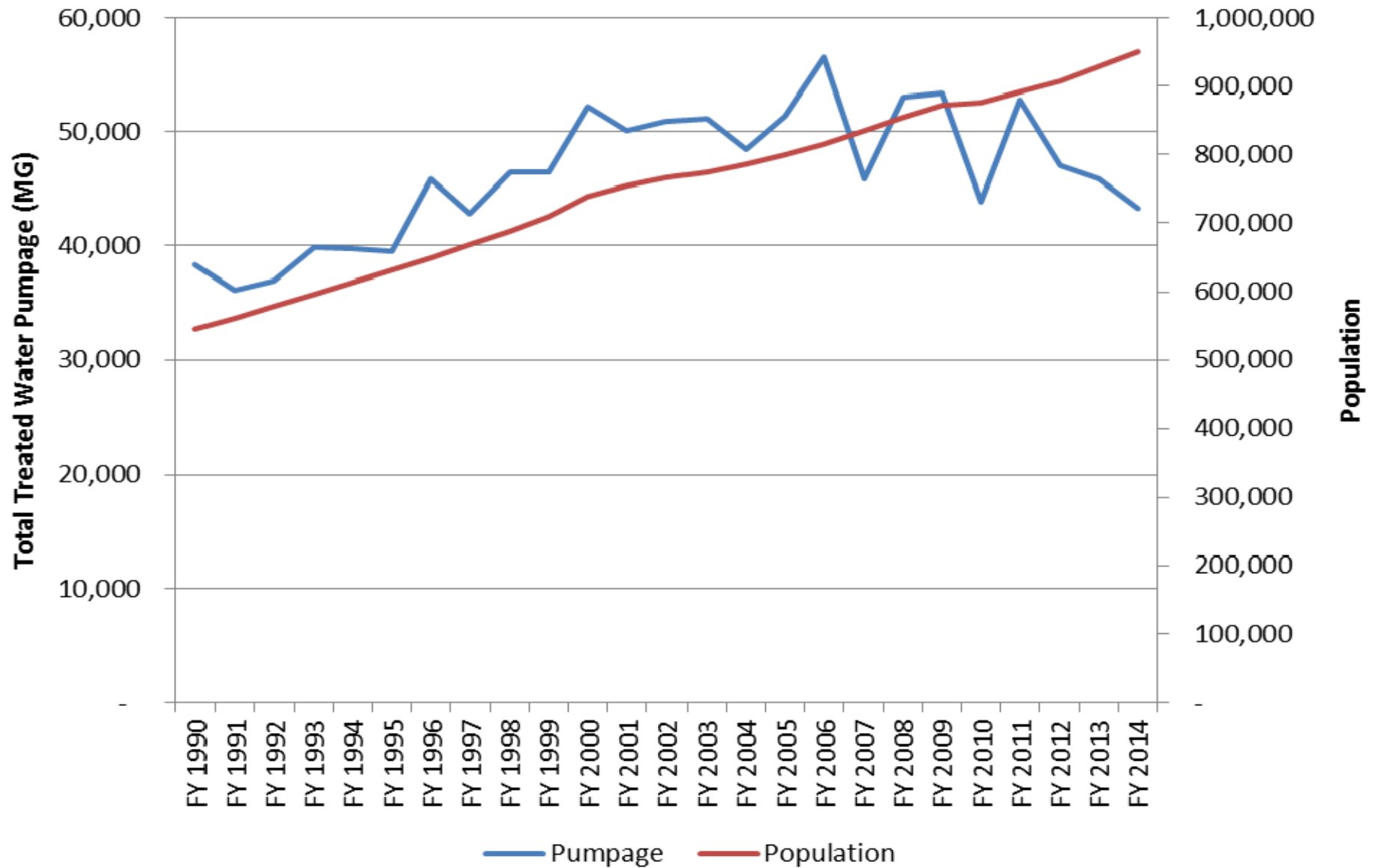
Multi-Faceted Drought Response

- Ongoing water conservation programs
- Acceleration of reuse program
- Implement staged drought restrictions
 - Mandatory 1 day per week watering restrictions for 3+ years
 - Thousands of warnings and fines
 - Stage 3 triggered at combined storage < 600k AF

WATER USE - GALLONS PER CAPITA PER DAY (GPCD)



Austin's Water Demand and Population



Multi-Faceted Drought Response

- Engage in LCRA Water Management Plan (WMP)
 - TCEQ-Approved Emergency Order Cutoffs of LCRA Interruptible Customers
 - LCRA WMP revisions
- Pursue additional water management strategy options recommended by 2014 Task Force

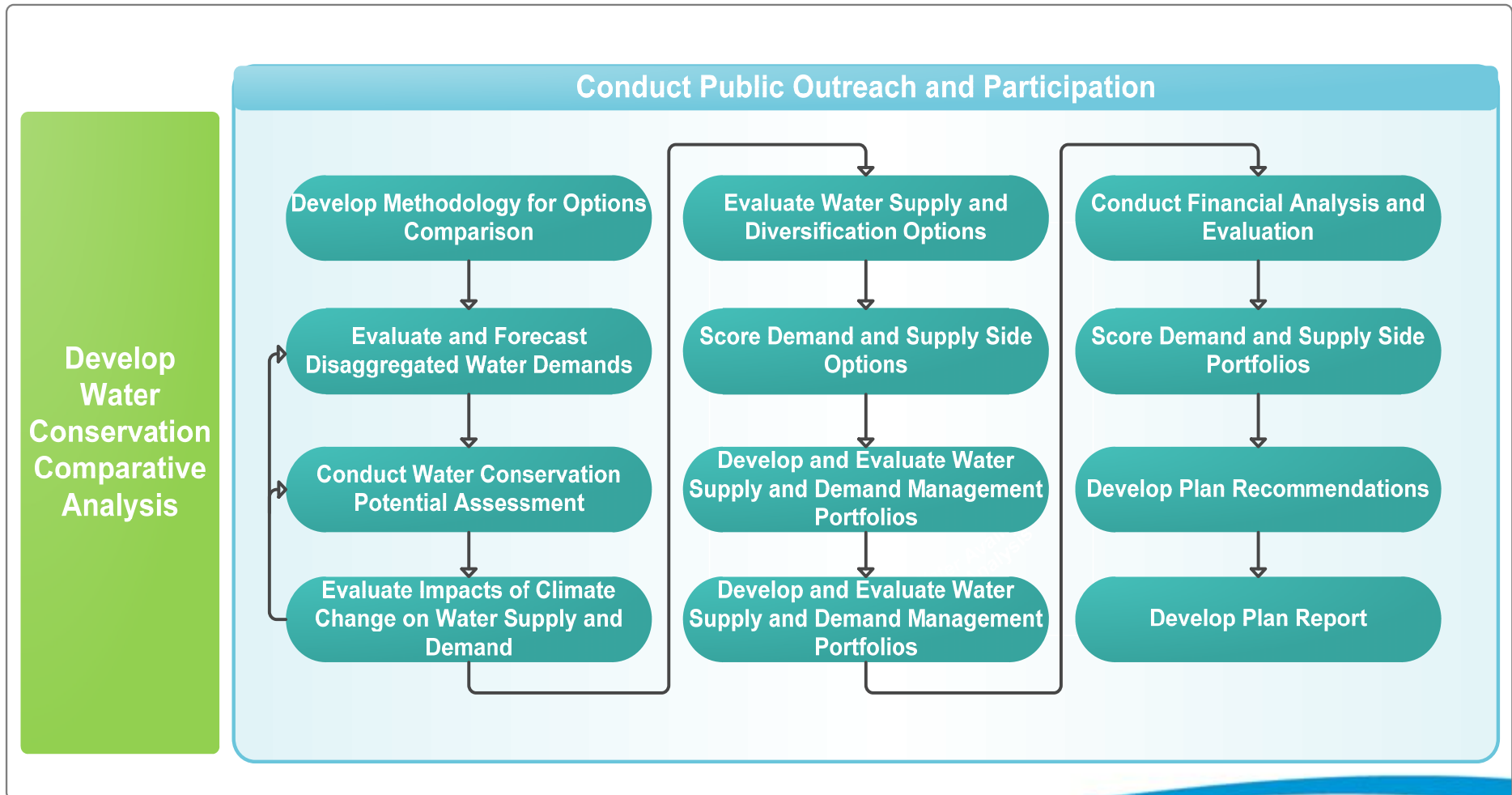
2014 Task Force Strategy Implementation

- Short-term demand and supply side management strategies
- Proposed code and rules changes
- Feasibility and engineering analysis
- Integrated Water Resource Plan (IWRP)

Austin IWRP Purpose Statement

- The IWRP will provide a mid- and long-term evaluation of, and plan for, water supply and demand management options for the City of Austin in a regional water supply context.
- Through public outreach and coordination of efforts between City departments and the Austin Integrated Water Resource Planning Community Task Force, the IWRP offers a holistic and inclusive approach to water resource planning.
- The plan embraces an innovative and integrated water management process with the goal of ensuring a diversified, sustainable, and resilient water future, with strong emphasis on water conservation.

Process Outline



IWRP – Current Actions

- Austin Integrated Water Resource Planning Community Task Force (AIWRPTF) appointed by City Council to support the plan development process
 - Monthly meetings
- IWRP Professional Services Procurement Process Underway