



Water Conservation Program Update 4th Qtr FY2014

Resource Management Commission

September 16, 2014

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Water Conservation Program Coordinator

FY2014 program trends

- Meeting/exceeding projected levels:
 - Total and Residential GPCD
 - Residential Rainwater Rebate Program
 - Drought Survival Tool Kit
 - WaterWise Landscape
 - ICI Rebate Programs
 - Aerator/Showerhead Distribution
 - Residential Irrigation System Rebate Applications

FY2014 program trends (con't)

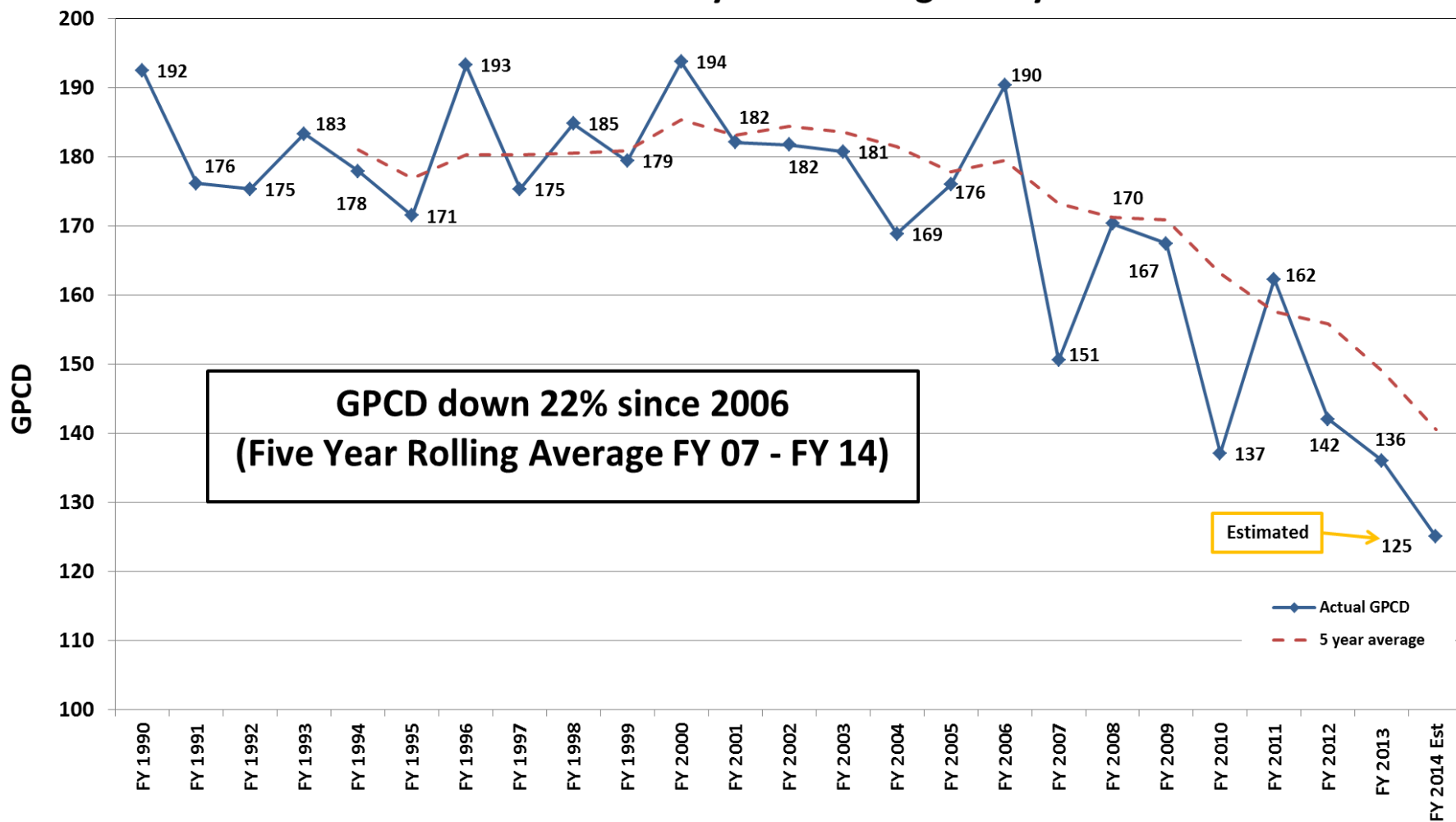
- Anticipated decreased levels
 - Commercial Rainwater Rebate Program
 - Reclaimed Water Use
 - Criminal Citations

5 & 10 Year Goals for Water Savings from Conservation

	Historic 5-Year Average	Baseline	FY2019 Goal	FY2024 Goal
Total GPCD	149	162	Non-Drought Conditions: 141 Drought Response Stage 2: 124	138
Residential GPCD	87	96	85	83

GPCD from 1990 to 2014

Austin Conservation History - GPCD Progress by Fiscal Year



FY14 Enforcement (to date)

311 Reports	Postcards	Warnings	Citations	Total
4,357	2,997	1,981	4	N/A
Administrative Fine Breakdown				
Sector	Commercial	Multi-Family	Residential	
Accounts	108	31	83	222
\$ Amount (potential max.)	\$52,975	\$15,650	\$9,450	\$77,625
Citation Breakdown				
Sector	Commercial	Multi-Family	Residential	
Accounts	1	2	1	4
\$ Amount (potential max.)	\$475	\$950	\$475	\$1,900

FY14 Breakdown of Administrative Fines

Water Waste Violation	\$77,625
Car Wash Efficiency Program	\$69,205
Commercial/MF Irrigation System Inspection Program	\$150,175
Total Fines	\$297,005

Reclaimed Water Use



- **FY14 Thru June: 667.93 MG (63 customers)**
- **FY13: 1.47 BG (59 customers)**
- **FY12: 1.52 BG (43 customers)**
- **FY11: 1.45 BG (40 customers)**
- **FY10: 1.09 BG (36 customers)**

Drought Update



Drought Response Activities



- June 6, 2014: staff memo Drought Response Strategies Including Alternative Water Source Options submitted to council
- July 10, 2014: AWRPTF report submitted to council
- Sept 23: AWRPTF chair to brief council on AWRPTF report
- Sept 25: staff to submit plan, schedule and budget for AWRPTF implementation to council

Austin Water Resources Planning Task Force (AWRPTF)

- Examine and make recommendations regarding alternative water supplies including, but not be limited to:
 - conservation, reuse, regional transmission systems and partnerships, groundwater, aquifer storage, other potential regional sources
- Make recommendations to council consistent with Imagine Austin Plan

AWRPTF Recommendations

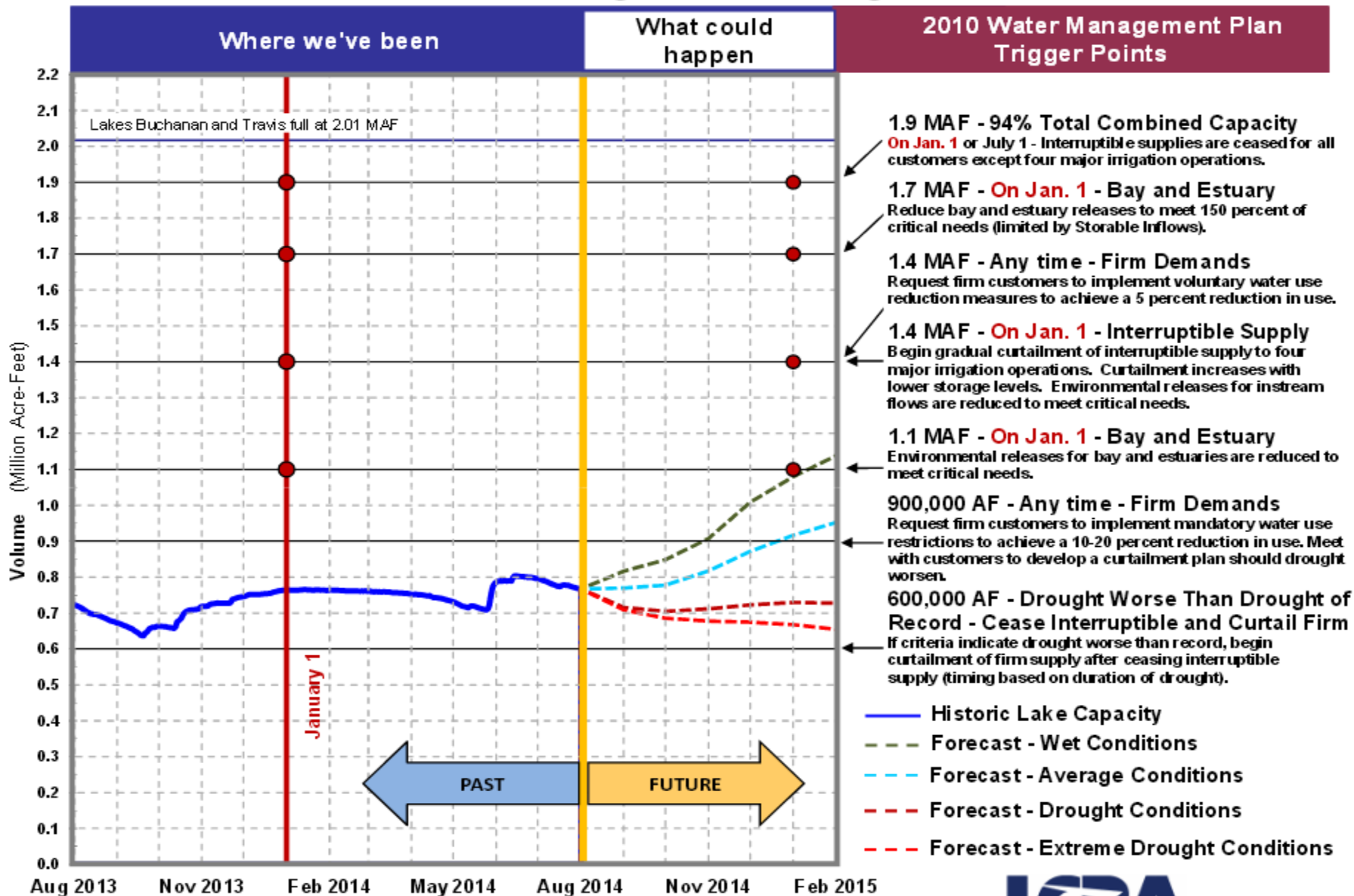
- Protect and optimize water from Colorado River Basin through conservation
- Focus on local opportunities for reusing rainwater capture & infiltration
- Initiate an integrated water resources plan to evaluate options for improving the reliability of our water supplies

Weather outlook



- Rains earlier this year have likely avoided falling below 600,000 AF this year
- But chances for El Nino this Fall have decreased
- If severe drought conditions continue, may see 600,000 AF by early next year
- Austin has measures in place to achieve more than 20% pro rata reduction should DWDOR be declared

Highland Lakes Storage *



Note: MAF equals 1 Million Acre-Feet
One Acre-Foot (a-f) equals 325,851 gallons.

Date: August 1, 2014

* Based on emergency drought relief measures affirmed by TCEQ on Feb. 26, April 30, and June 4, 2014, and additional emergency relief suspending releases of interruptible stored water for customers in the Gulf Coast, Lakeside and Pierce Ranch irrigation operations through the end of the irrigation season.



Looking Ahead – FY14 4th Qtr

- AWRPTF Chair briefing of city council
September 23
- ICI Technical Workshop September 24
- Staff presentation to city council of plan,
budget and timeframe for AWRPTF Report
implementation
- Staff recommendations on city codes and
auxiliary water issues October 23



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