

Austin Integrated Water Resource Planning Community Task Force

May 5, 2015

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Welcome and Orientation

- Welcome from Austin Water
 - Greg Meszaros, Director
- Orientation Items:
 - Introduction of Task Force Members
 - Communication Plan
 - City Council Resolution

Task Force Members

Bill Moriarty

Appointed by
Mayor Adler

TBD

Appointed by
CM Ora Houston

**Ruthie
Redmond**

Appointed by
CM Delia Garza

Perry Lorenz

Appointed by
CM Pio Renteria

**Sharlene
Leurig**

Appointed by
CM Greg Casar

Lauren Ross

Appointed by
CM Ann Kitchen

TBD

Appointed by
CM Don
Zimmerman

Kate Zerrenner

Appointed by
CM Leslie Pool

**Marianne
Dwight**

Appointed by
CM Ellen Troxclair

**Jennifer
Walker**

Appointed by
MPT Kathie Tovo

TBD

Appointed by
CM Sheri Gallo

City Department Representation

Greg Meszaros

Austin Water

**Kathleen
Garrett**

Austin Energy

Sam Angoori

Austin Resource
Recovery

**Kerry
O'Connor**

Office of Innovation

Lucia Athens

Office of
Sustainability

Sara Hensley

Parks and
Recreation

Mike Personett

Watershed
Protection

Rebecca Giello

Neighborhood
Housing and
Community
Development

Communication Plan

- AIWRPCTF Website
 - Boards and Commissions Information Center
<http://www.austintexas.gov/aiwrpctf>
- Agenda and Materials Postings
- Video Recordings
- Member Notebooks

City Council Resolution

- Integrated Water Resource Plan (IWRP)
 - Key recommendation of the 2014 Austin Water Resource Planning Task Force
- Integrated Water Resource Planning Community Task Force
 - Created to support the Integrated Water Resource Plan (Council Resolution No. 20141211-119)

Voting Items For Task Force

Voting Items

- Election of Officers
 - Elect Chair and Vice Chair
- Rules of Procedures
 - Review and Discussion
 - Consideration of Approval by Task Force

Voting Items

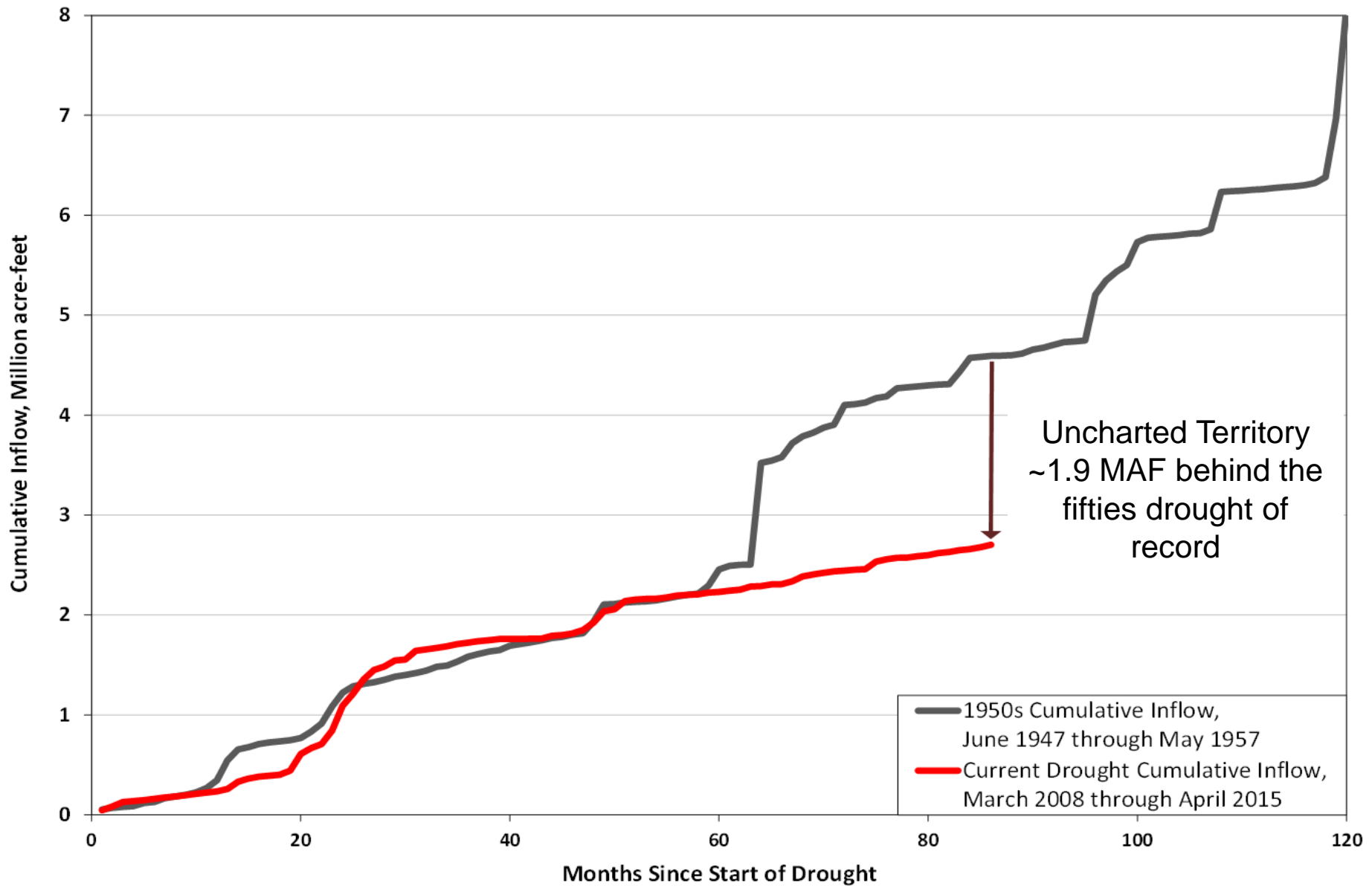
- Meeting Schedule
 - Meetings 1 and 2: May 5th and 19th
 - Monthly meetings beginning in June
 - June 2nd and continuing on the first Tuesday of each month
 - Review and Discussion
 - Approval of Meeting Schedule

Proposed 2015 Schedule

- Meetings to be held beginning at 6pm at Waller Creek Center Room 104
 - May 5th
 - May 19th
 - June 2nd
 - July 7th
 - August 4th
 - September 1st
 - October 6th
 - November 3rd
 - December 1st

Drought Update and 2014 Task Force Strategy Implementation

Cumulative Inflow to Lakes Buchanan and Travis

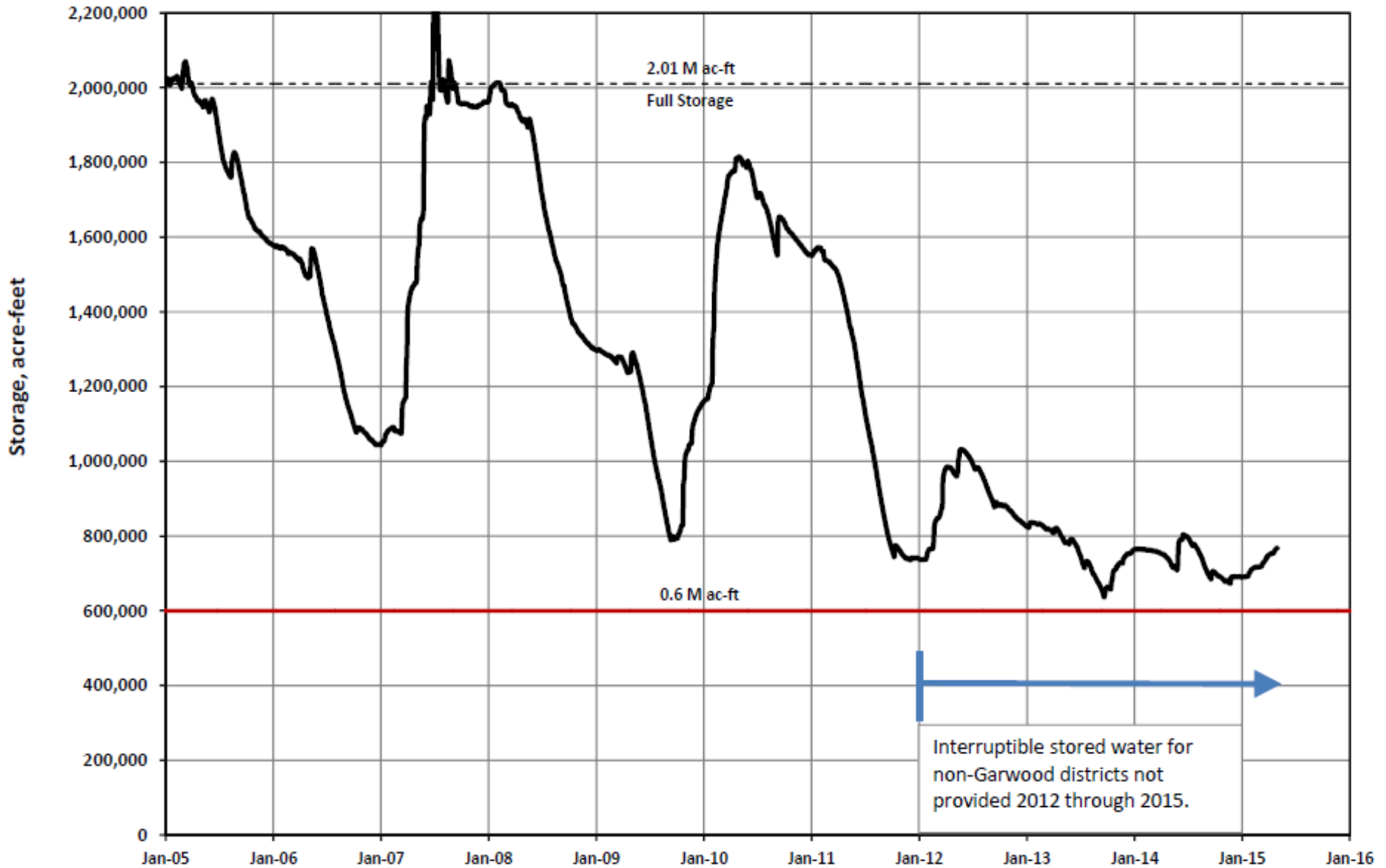


Uncharted Territory
~1.9 MAF behind the
fifties drought of
record

— 1950s Cumulative Inflow,
June 1947 through May 1957
— Current Drought Cumulative Inflow,
March 2008 through April 2015

Combined Storage of Lakes Buchanan and Travis

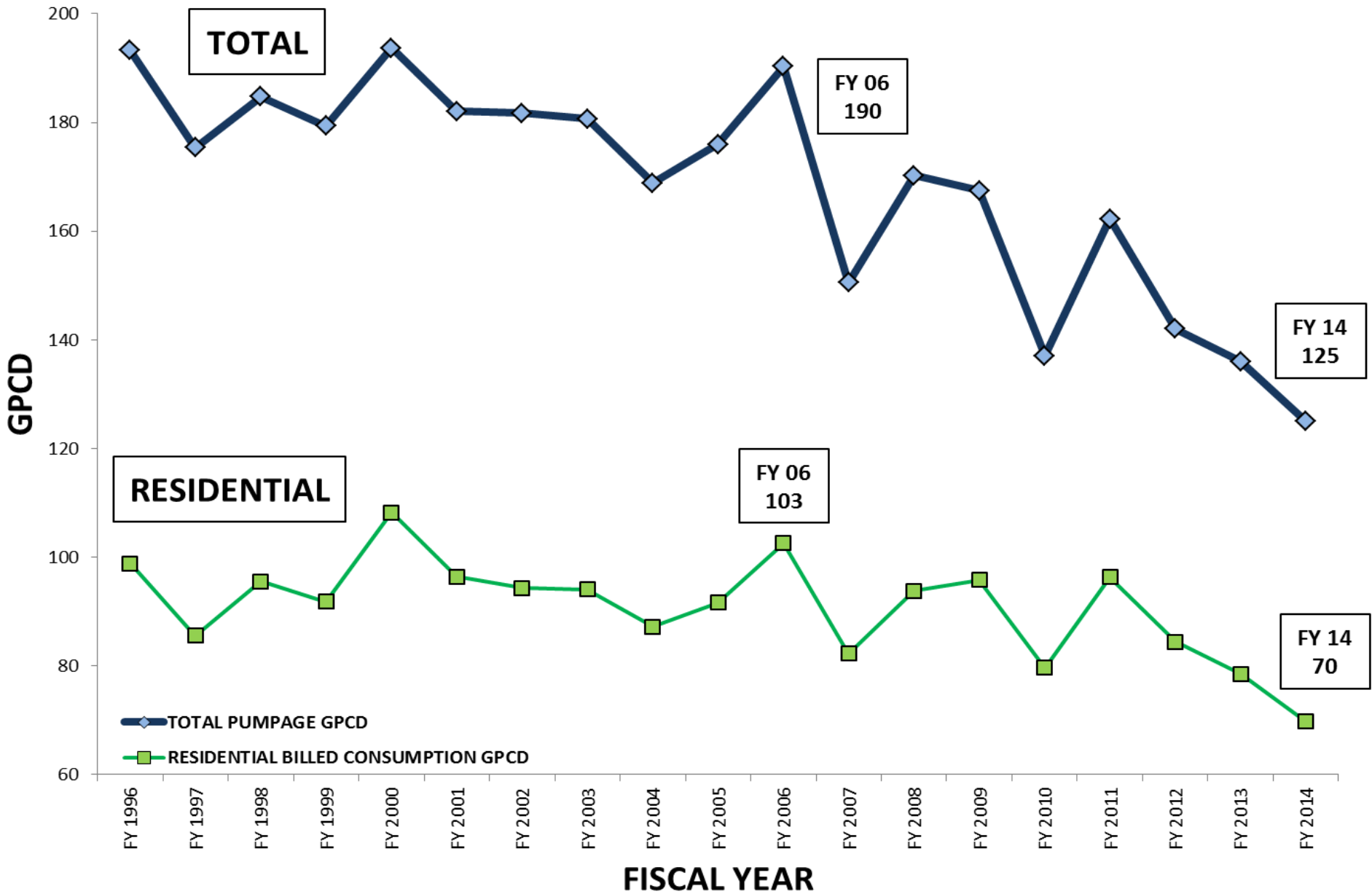
January 1, 2005 through May 1, 2015



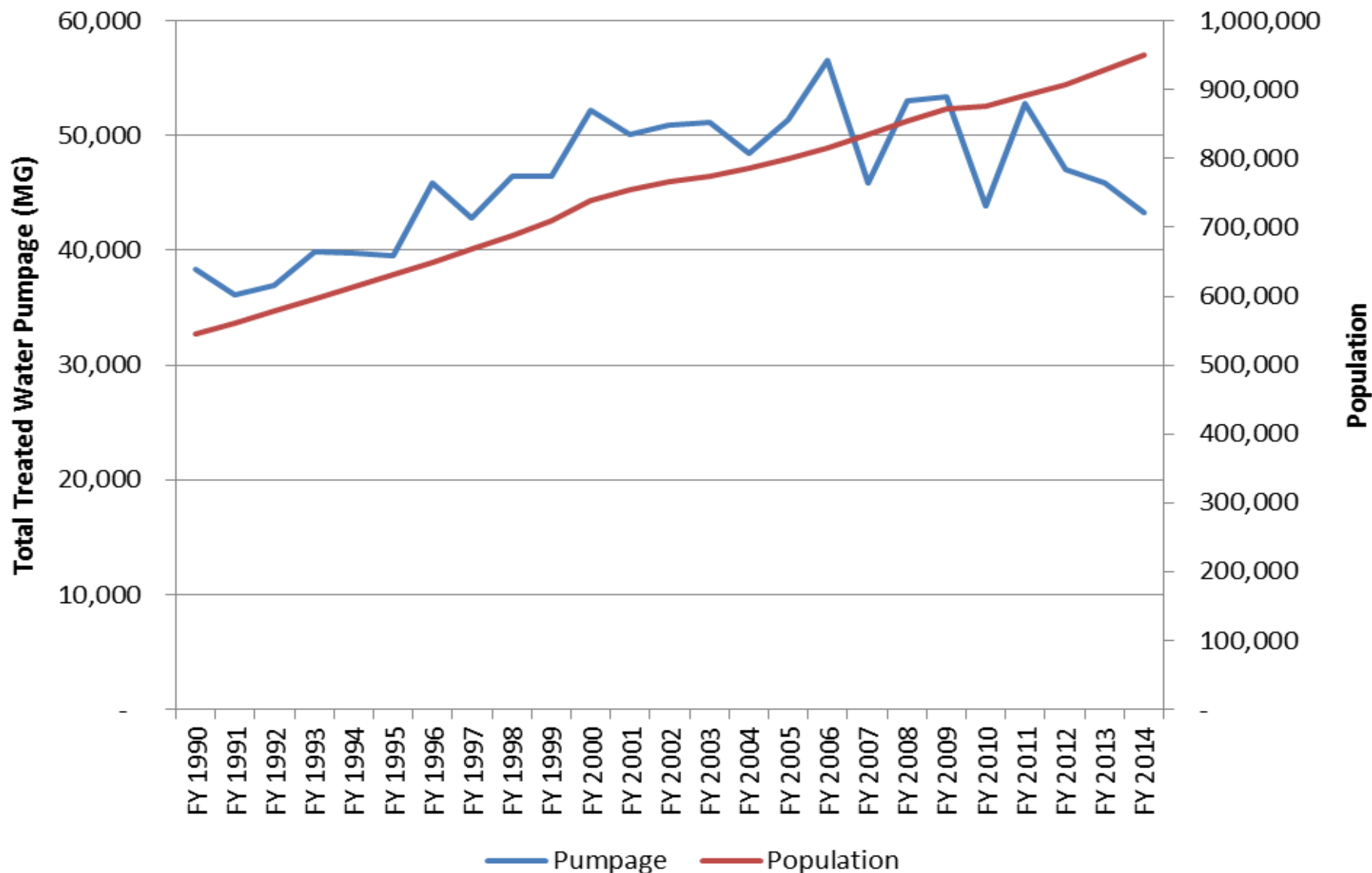
Multi-Faceted Drought Response

- Ongoing water conservation programs
- Acceleration of reuse program
- Implement staged drought restrictions
 - Mandatory 1 day per week watering restrictions for 3+ years
 - Thousands of warning and fines
 - Stage 3 & 4 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)

IWRP Conceptual Framework

What is an IWRP?



What is an IWRP?

From AWWA:

- Demand and supply-side options
- Alternative scenario planning and cost-benefit analysis
- Open and participatory community process
- Consideration of societal and environmental benefits



What is an IWRP?

- Total Water Management (AWWA)
- Integrated Urban Water Management (WRF)
- One Water (WRF)



Elements of Other Plans

Research of water planning from other cities and regions



- Diversified Supply Sources
- Staff Developed



- Conservation Potential Assessment

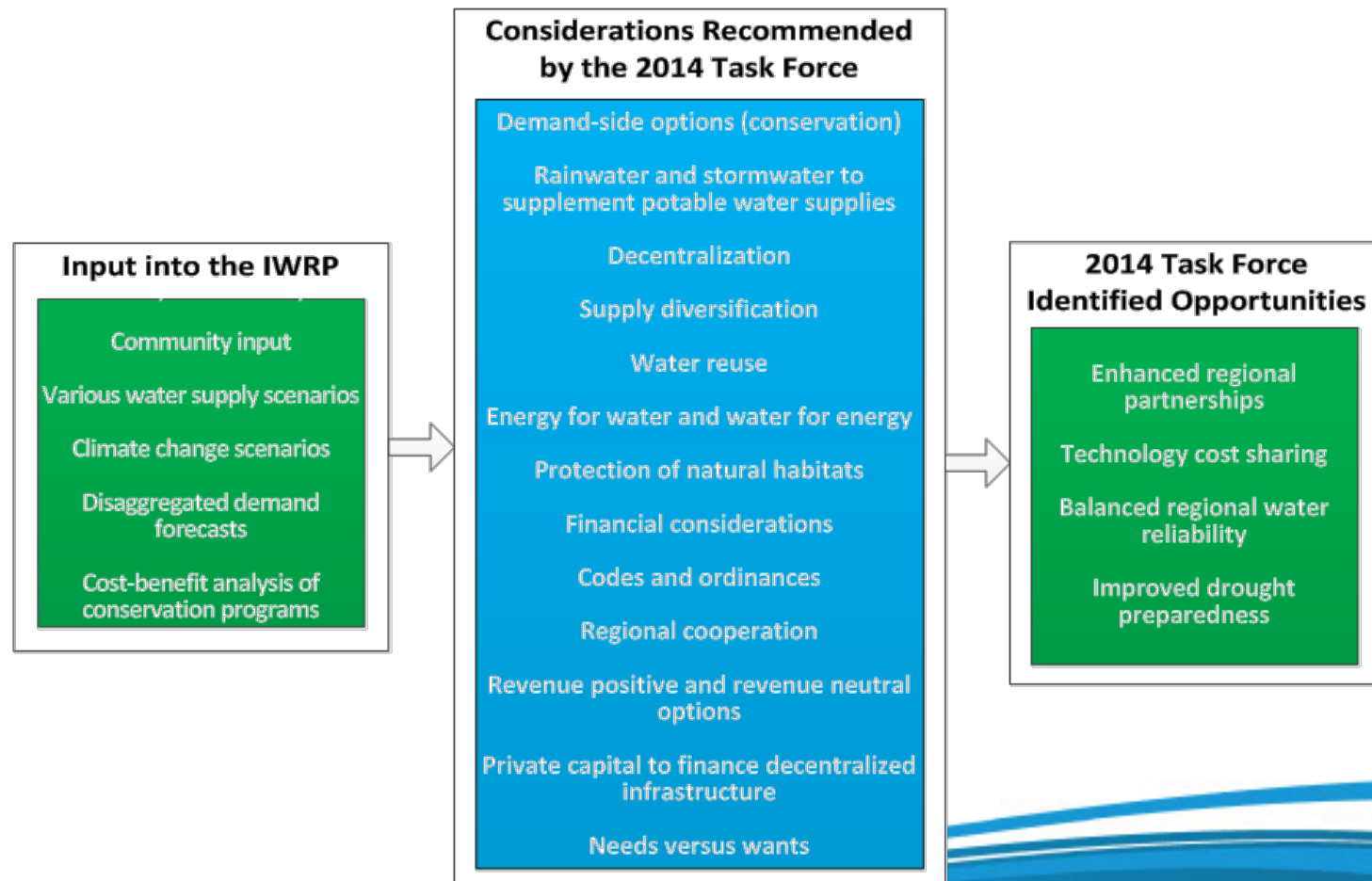


- Expanding 2020 IRP to 2040 One Water Plan
- Integrating water, wastewater, reclaimed, and stormwater



- Stormwater and wastewater reuse
- Geospatial decentralized analysis

2014 Task Force recommendations for IWRP



Key questions to be addressed in the plan development process

- Supply Diversification
 - Defining diversification
 - Risk tolerance and reliability
 - Develop water portfolio goals for the future
- Reuse
 - Reuse decision model
 - Cost & rates
 - Environmental and return flows
- Rainwater Harvesting
 - Desired future scenario
 - Savings goals
 - Incentives or regulatory approach or hybrid
- Graywater
 - Regulatory approach: new construction requirements, etc.
 - Savings goals

Draft Statement of Purpose

The Integrated Water Resource Plan (IWRP) aims to provide a mid and long term evaluation of, and plan for, water supply and demand options for the City of Austin.

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.

Consultant Resources Overview and Contract Management Department (CMD) Presentation

Plan Development Timeline

approx. 2 Years



Contract Management Department



REQUEST FOR QUALIFICATIONS (RFQ) PROCESS

MICHELLE CROFT
Procurement Division

Professional Services Overview

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Texas Government Code 2254

2254.004 (1) “first select the most highly qualified provider of those services on the basis of demonstrated competence and qualifications; and (2) then attempt to negotiate with that provider a contract at a fair and reasonable price.”

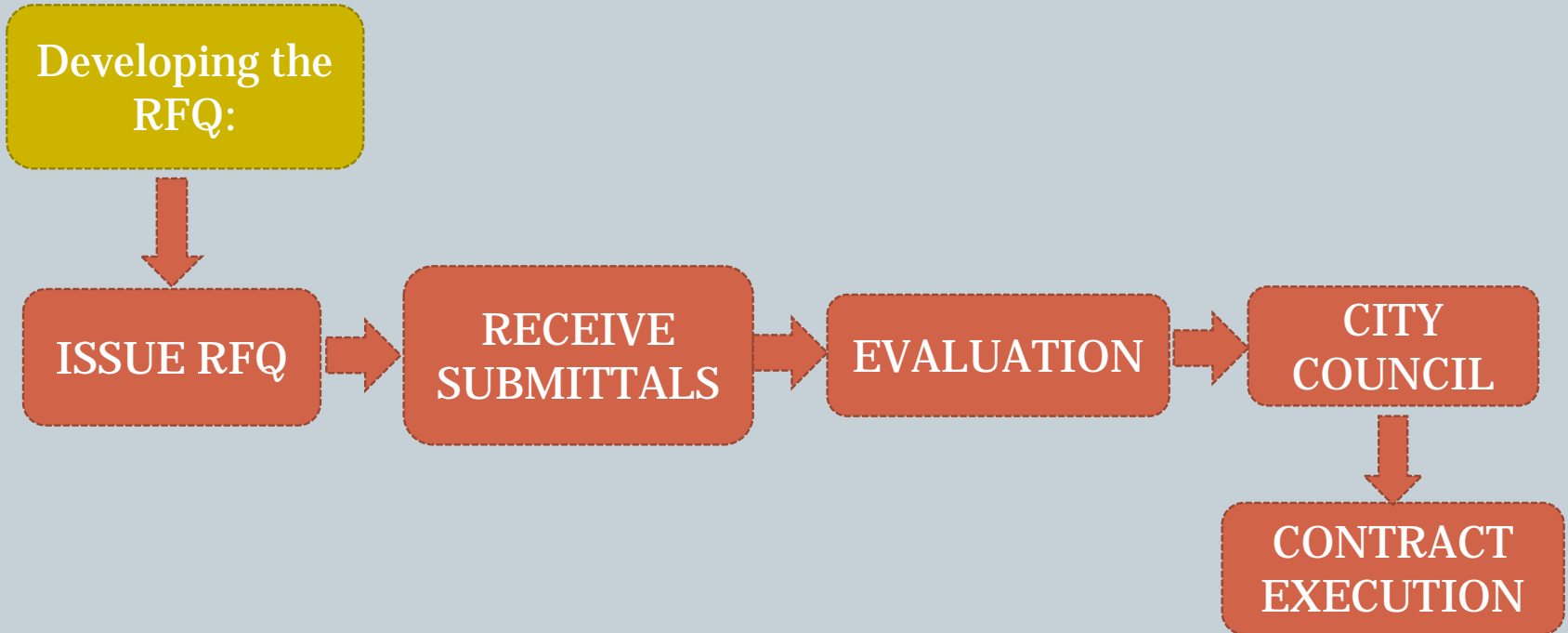
Qualification Based Selection (QBS)

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Select the most highly qualified “consultant” professional services firm for scope of work

- Qualification and experience is the key evaluation consideration
- Price/cost of services is not a part of the evaluation process – it is negotiated after Council award
- Qualifications and experience is evaluated on established criteria relevant to the solicitation scope and project need
- Evaluations are conducted by qualified City staff

Steps in the Process



Key Considerations for RFQ Process

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- **COA Anti-Lobbying Ordinance**
 - No-Contact Period for active solicitations (from issuance of RFQ to Contract Award)
 - All solicitation questions must go through the CMD Authorized Contact Person
- **Maintain integrity of process**
 - Avoid conflicts of interest
 - ✦ Evaluation Panel membership composed of City staff who are technical experts
 - ✦ Staff must inform of conflicts
 - ✦ Bound by City rules and regulations
 - ✦ Ethics in the consultant selection process
 - ✦ Confidential information and content of responses

Questions?

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Division Manager**

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Michelle Croft

(512) 974-2657

Next Meeting

- Review and provide input on Statement of Purpose
- Continuation of information and discussion items from Meeting #1, as needed
- Overview of Integrated Water Resource Plan development process

Questions and Discussion?