

Austin Integrated Water Resource Planning Community Task Force

July 7, 2015

Welcome to New Task Force Members

Bill Moriarty

Appointed by
Mayor Adler

Clint Dawson

Appointed by
CM Ora Houston

**Sarah
Richards**

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

Diane Kennedy

Appointed by
CM Sheri Gallo

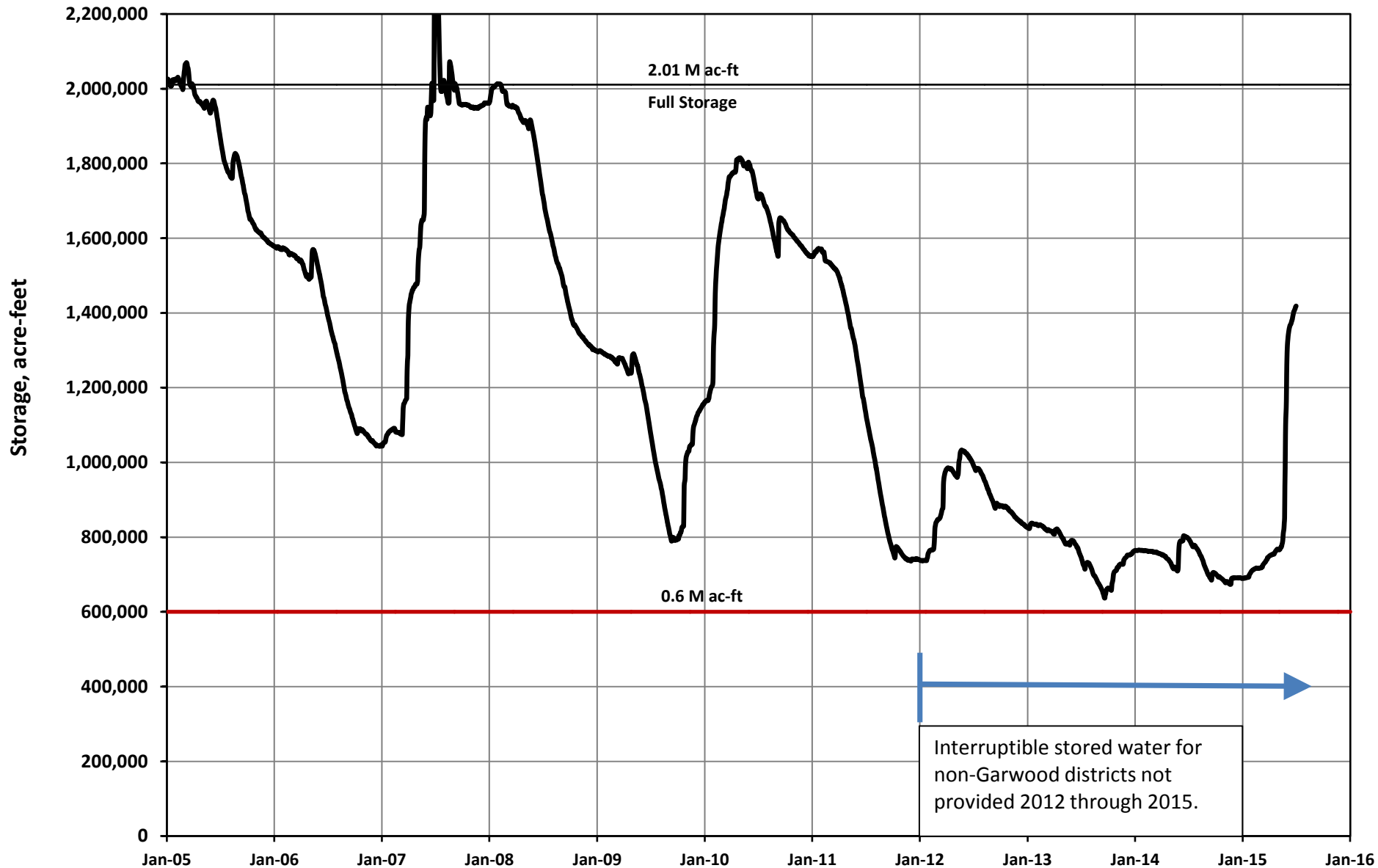
Overview

- Drought Update
- RFQ Process Update
- Water Conservation Study Update – Office of Sustainability
- Facilitated Discussion Items
 - Statement of Purpose
 - Public Outreach Framework
- Projected Meeting Schedule Overview
 - Potential Future Meeting Agenda Items Discussion

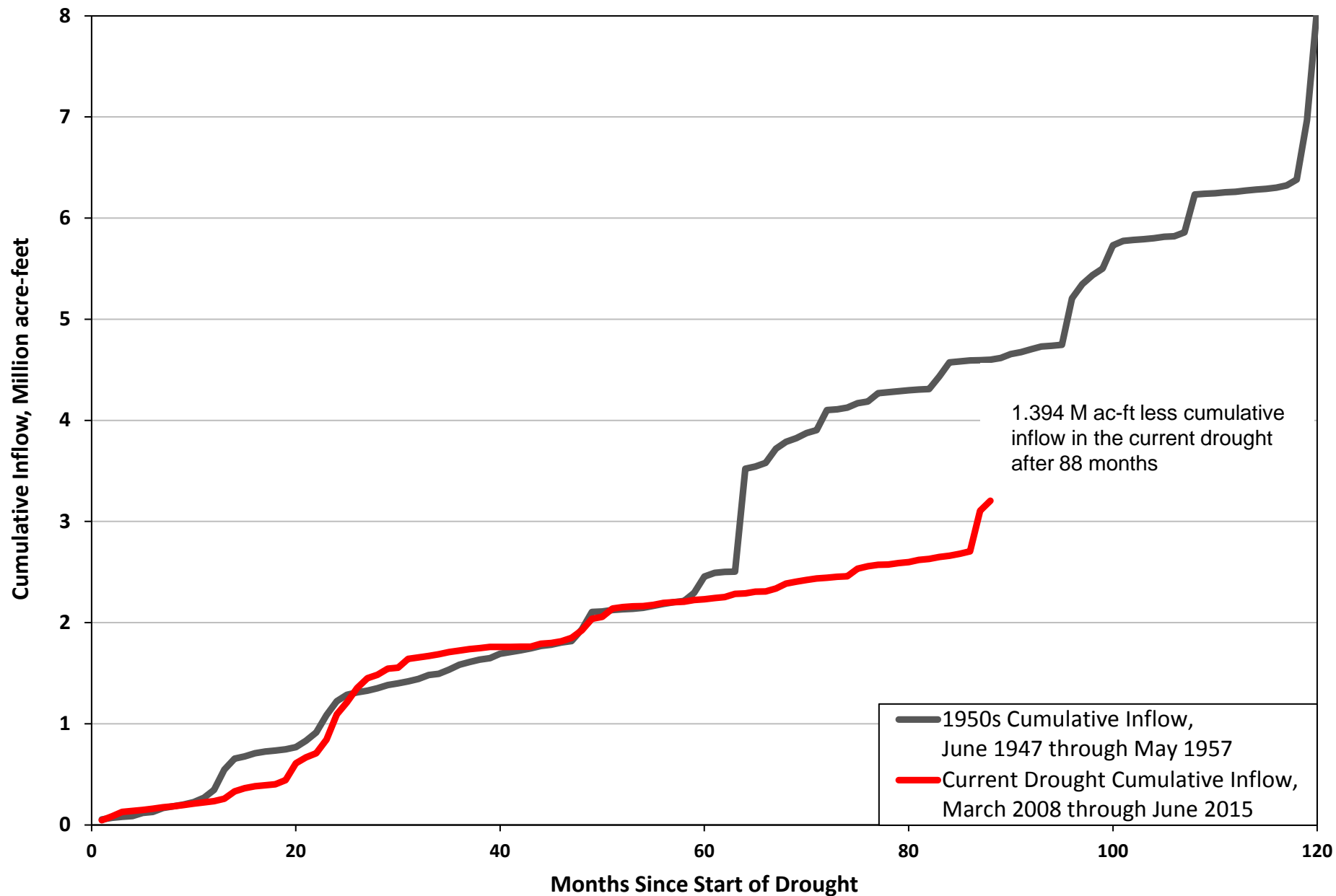
Drought Update

Combined Storage of Lakes Buchanan and Travis

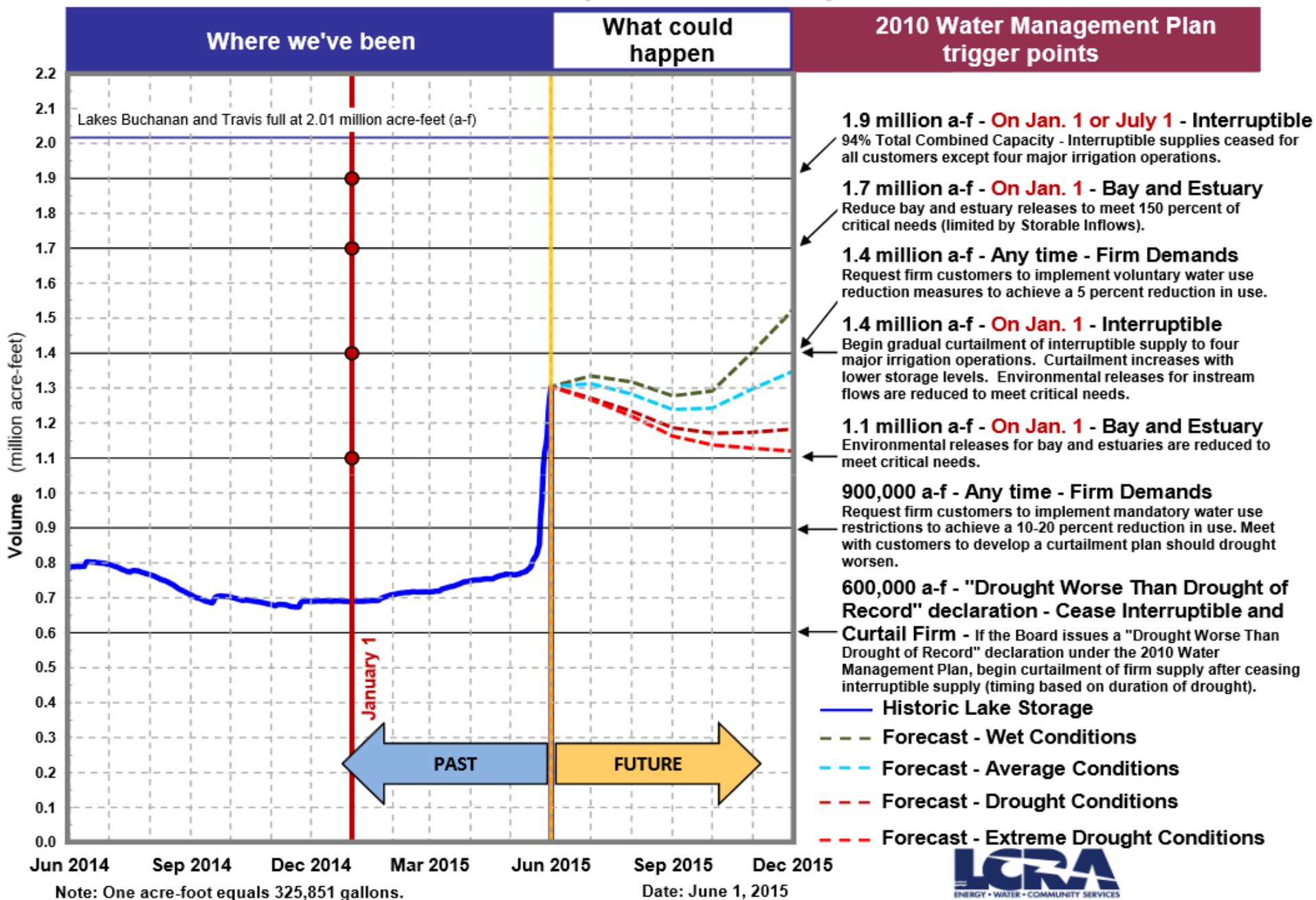
January 1, 2005 through July 1, 2015



Cumulative Inflow to Lakes Buchanan and Travis



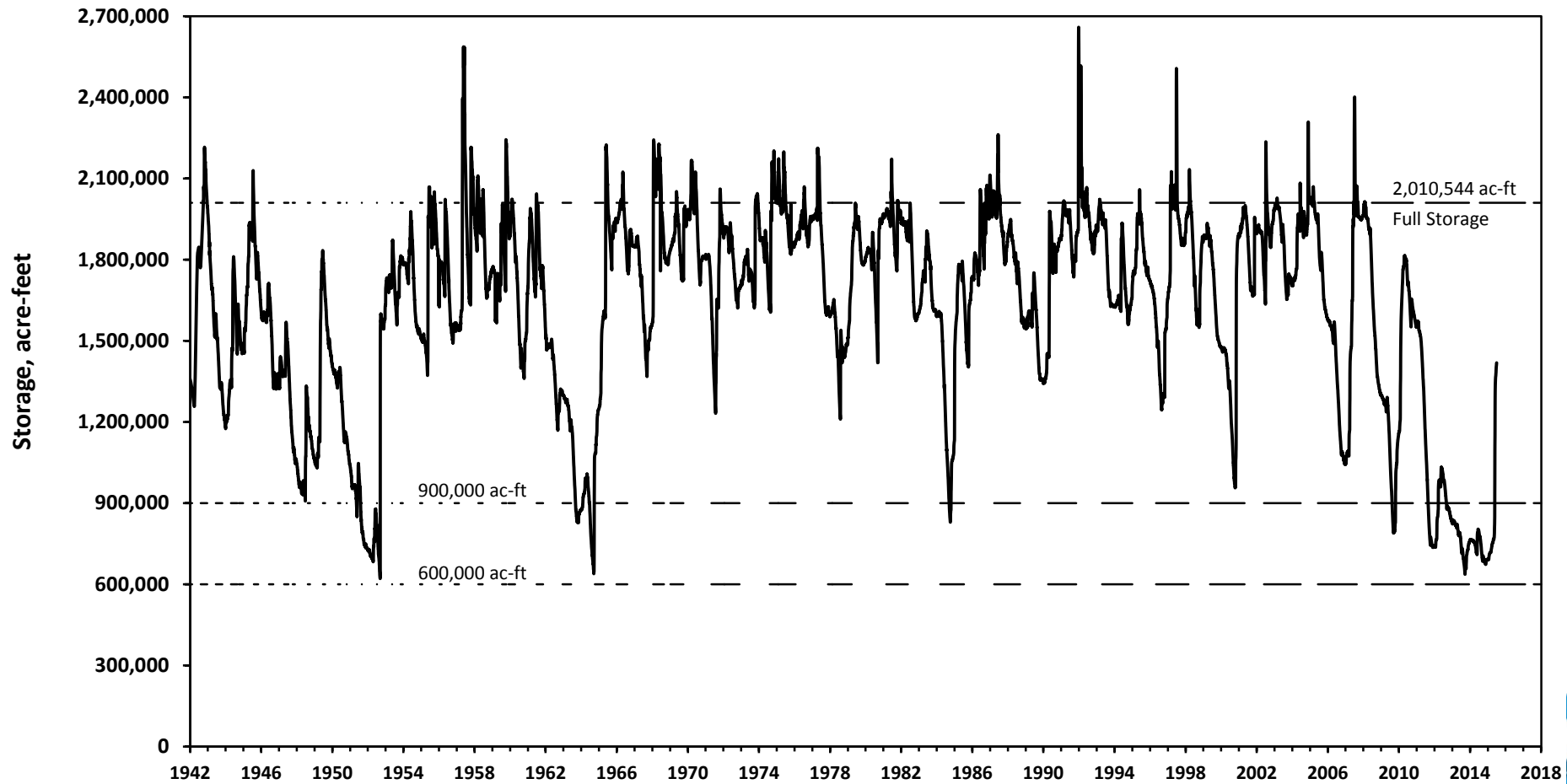
Highland Lakes Storage *



* Projections assume Texas Commission on Environmental Quality (TCEQ) will approve emergency orders in 2015 that are similar to the emergency orders approved by TCEQ in 2014, which suspended releases of interruptible stored water for customers in the Gulf Coast, Lakeside and Pierce Ranch irrigation divisions through the 2014 irrigation season and reduced instream flow requirements during the 2014 blue sucker spawning season.

Combined Storage of Lakes Buchanan and Travis

January 31, 1942 through July 1, 2015



RFQ Process Update

Water Conservation Study

July 7, 2015

Integrated Water Resource Planning
Community Task Force



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Agenda

1. Scope of Work
2. Selected Consultant
3. Project Timeline
4. Data Collection and Benchmark Agencies
5. Next Steps



Scope of Work

Goals:

- Assist Austin Water in maximizing potable water usage reductions
- Compare conservation programs to national best practices and leading peers
- Provide recommendations on how to maximize program effectiveness

Coverage:

- Customer Types: Wholesale, residential, commercial, industrial, urban farms
- Usage Types: Indoor and outdoor
- Leak Management: Audits, testing, detection, repairs, replacement
- Alternative Water Sources: HVAC condensate, gray water, rainwater, reclaimed
- Building Codes: Fixture and performance requirements
- Financial Incentives: Rebates, customer participation, goals
- Price Signals: Rate structure
- Communications Strategies: Media, apps, spending, technology, messaging

Deliverables:

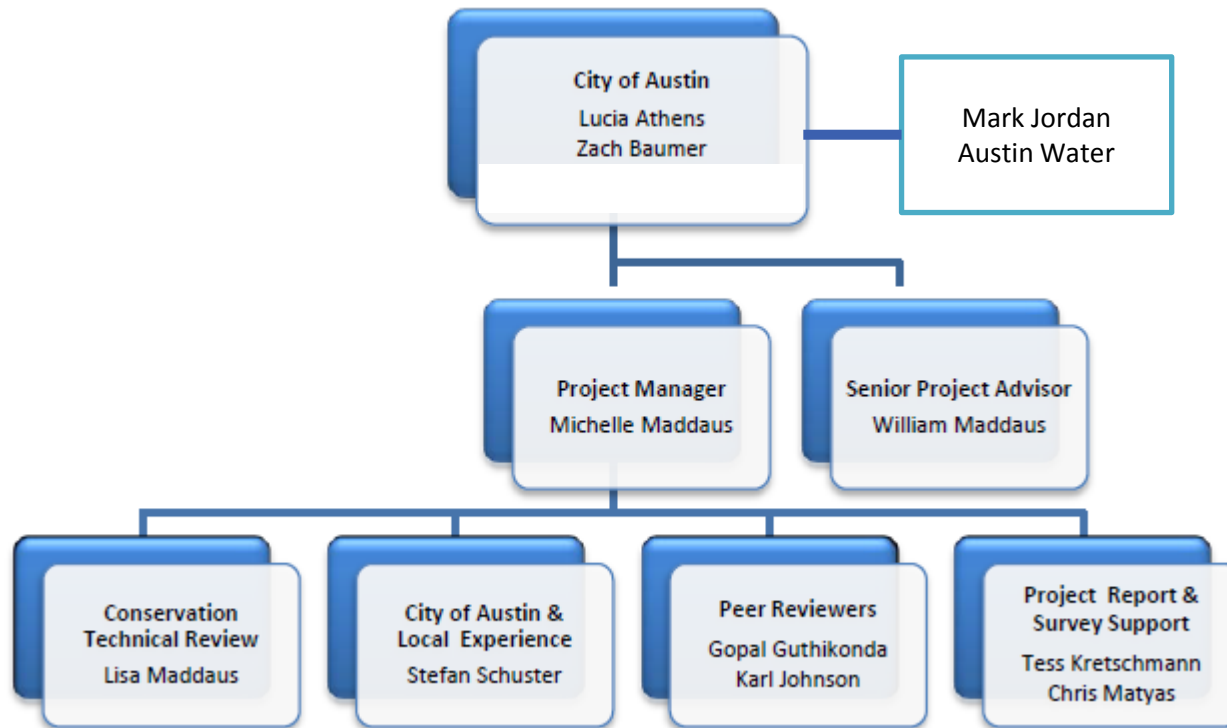
- Technical Report
- Summary Index comparing Austin Water to peers
- Power Point Presentation Summary



Selected Consultant



*MADDAUS
WATER
MANAGEMENT INC.*



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Project Timeline

June – Project kickoff, scope discussions, data collection

July – Agency survey and interviews, data analysis

August – Summary report, due by August 30th

September – Reviews and comments

- September 1st IWRP Community Task Force Meeting

October 1st - Final



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Benchmarks

San Diego Water Authority

Portland Water Bureau

Seattle Public Utilities

East Bay Municipal Utility District

Sydney, Australia

Melbourne, Australia

Southern Nevada Water Authority

Dallas Water Utilities

Philadelphia Water Department

Irvine Ranch Water District

San Antonio Water System

Data Collection

Planning Documents

Abnormal Years

Customer Classes

Production

Consumption

Max Day Demand

Population and Jobs

Conservation Targets

Historical Conservation

Budgets

Water System Audits

Codes / Ordinances

Specific Program Reviews:

Toilet and urinal replacement

Residential clothes washer

Residential showerheads

Waterwise Rainscape

Irrigation Systems

Residential Waterwise Landscape

Multi-Family Waterwise Landscape

Commercial Vehicle Wash

ICI Audit Rebate

Commercial Irrigation Assessment



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Next Steps

- Austin Water data collection
- Benchmark surveys and interviews
- Data analysis

Questions?

Facilitated Discussion Items

- Discuss and provide input on Draft IWRP Statement of Purpose

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.

Topics for Discussion

- Focus of public outreach and coordination efforts
- Consideration of supply diversification
- Suggested addition of “advanced water conservation technology”

Facilitated Discussion Items

- Discuss and provide input on Draft Public Outreach Framework

Austin Integrated Water Resource Plan Public Outreach Framework

Goals

Community Values

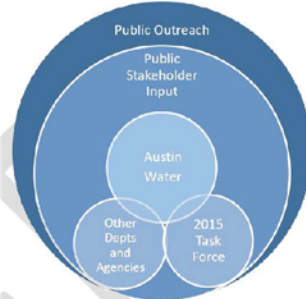
Identify community values that should be reflected in the IWRP

Diverse Stakeholder Input

Seek to gather input proportional to Austin's gender, economic, ethnic, and geographic diversity to incorporate into the IWRP

Public Education

Inform and educate the community throughout the plan development process



Public outreach and education efforts for the Integrated Water Resources Plan will gather meaningful stakeholder input to develop a plan that is representative of Austin community values.

Potential Audiences

- Austin Water customers
- Diverse stakeholder groups
 - Underrepresented groups
 - Groups with high-interest
- Community groups
- Regional agencies and stakeholders
- Policymakers

Potential Strategies Toolbox

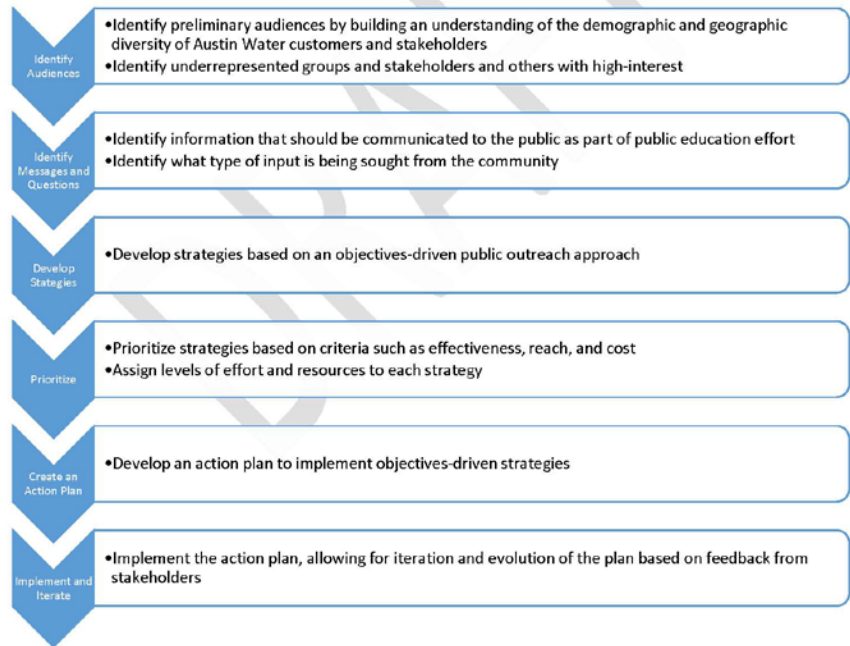
Existing Initiatives & Outlets	Public Events & Opportunities	Social Media	Print and Digital Media
<ul style="list-style-type: none"> • Imagine Austin and CodeNext: Sustainably Manage our Water Resources and Green Infrastructure Programs • Water use report software (DropCountr) • City of Austin Community Registry • Coordination with other department and agencies 	<ul style="list-style-type: none"> • Public stakeholder workshops • Focus groups • Conversation Corps • Neighborhood meetings • Community events • Presentations • Education panels • Festivals 	<ul style="list-style-type: none"> • Twitter (inc. Q and A's) • Facebook • Flickr • Videos (ATXN, YouTube, Vine) • Pinterest • NextDoor • BloomFire 	<ul style="list-style-type: none"> • Flyers • Bill Inserts • Reports and fact sheets • Advertising • Community association newsletters • Mailing lists • Austin Water eNewsletters • Austin Water website • Surveys • Neighborhood lists

An Objectives-Driven Approach

- Objectives provide specific, achievable targets that the utility can use to solicit input in multiple formats across diverse groups
- Participants understand what input is needed and how it will be used
- Objectives provide common ground for reporting results back to stakeholders

An objectives-driven approach is, "public participation with a purpose," designed to achieve meaningful outcomes for stakeholders and the utility.

Creating a Public Outreach Plan



Public Outreach Framework

- Goals
 - The objectives and guiding principles of the public outreach process
- Audiences
 - Potential participants and contributors
- Strategies
 - Potential strategies to accomplish objectives

Public Outreach Framework

- Objectives-driven
 - Public participation with a purpose
 - Specific, achievable targets
 - Meaningful outcomes
- Process to Create a Public Outreach Plan
 - To be developed with the IWRP Consultant, Task Force, Austin Water, and partners
 - Public outreach plan as a living document

Topics for Discussion

- Broad public and stakeholder diversity
- Documentation of stakeholder participation
- Next steps prior to consultant selection

Future Meeting Agenda Items Discussion

Austin Integrated Water Resource Planning Community Task Force

Preliminary Meeting Schedule

June 2015 to March 2016

	June 2, 2015	July 7, 2015	August 4, 2015	September 1, 2015	October 6, 2015
Briefings	<ul style="list-style-type: none"> Open Meetings Act Process outline briefing 	<ul style="list-style-type: none"> RFQ Process Update Conservation Comparative Analysis Update 	<ul style="list-style-type: none"> Conservation and demand management 	<ul style="list-style-type: none"> Green Infrastructure Working Group (CodeNext) overview briefing 	<ul style="list-style-type: none"> Options and Portfolio Evaluation Process
Discussion or Action Items	<ul style="list-style-type: none"> Working Group report and Task Force input on Process Outline and Request for Qualifications (RFQ) Evaluation Criteria 	<ul style="list-style-type: none"> Preliminary public outreach framework - Staff overview and Task Force input and discussion, etc. Input on Statement of Purpose 	<ul style="list-style-type: none"> Disaggregated demand approaches - Staff overview and Task Force discussion, etc. 	<ul style="list-style-type: none"> Beneficial Reuse of Stormwater - Staff overview and Task Force discussion, etc. 	<ul style="list-style-type: none"> Options evaluation criteria matrix - Staff overview and Task Force discussion, etc.
	November 3, 2015	December 1, 2015	January 2016	February 2016	~March/April 2016
Briefings	<ul style="list-style-type: none"> Climate change overview Portfolio creation concepts 	<ul style="list-style-type: none"> Austin Water energy use overview Decentralized concepts and reuse overview 	<ul style="list-style-type: none"> 2014 Task Force Strategies update Feasibility and Engineering Studies (FEA) update 	<ul style="list-style-type: none"> Austin Energy (AE) facilities overview 	≈ Consultant on board
Discussion or Action Items	<ul style="list-style-type: none"> Portfolio evaluation: performance objectives, WAM, etc.- Staff overview and Task Force discussion, etc. 	<ul style="list-style-type: none"> Decentralized concepts and reuse overview - Staff overview and Task Force discussion, etc. 	<ul style="list-style-type: none"> Discussion TBD 	<ul style="list-style-type: none"> Discussion TBD 	<ul style="list-style-type: none"> Discussion TBD

Next Meeting

- Conservation and demand management briefing
- Disaggregated demand overview and discussion
- Continuation of information and discussion items from Meeting #3 as needed