

LCRA WATER SUPPLIES

Region K Member Orientation

Karen Bondy, P.E.

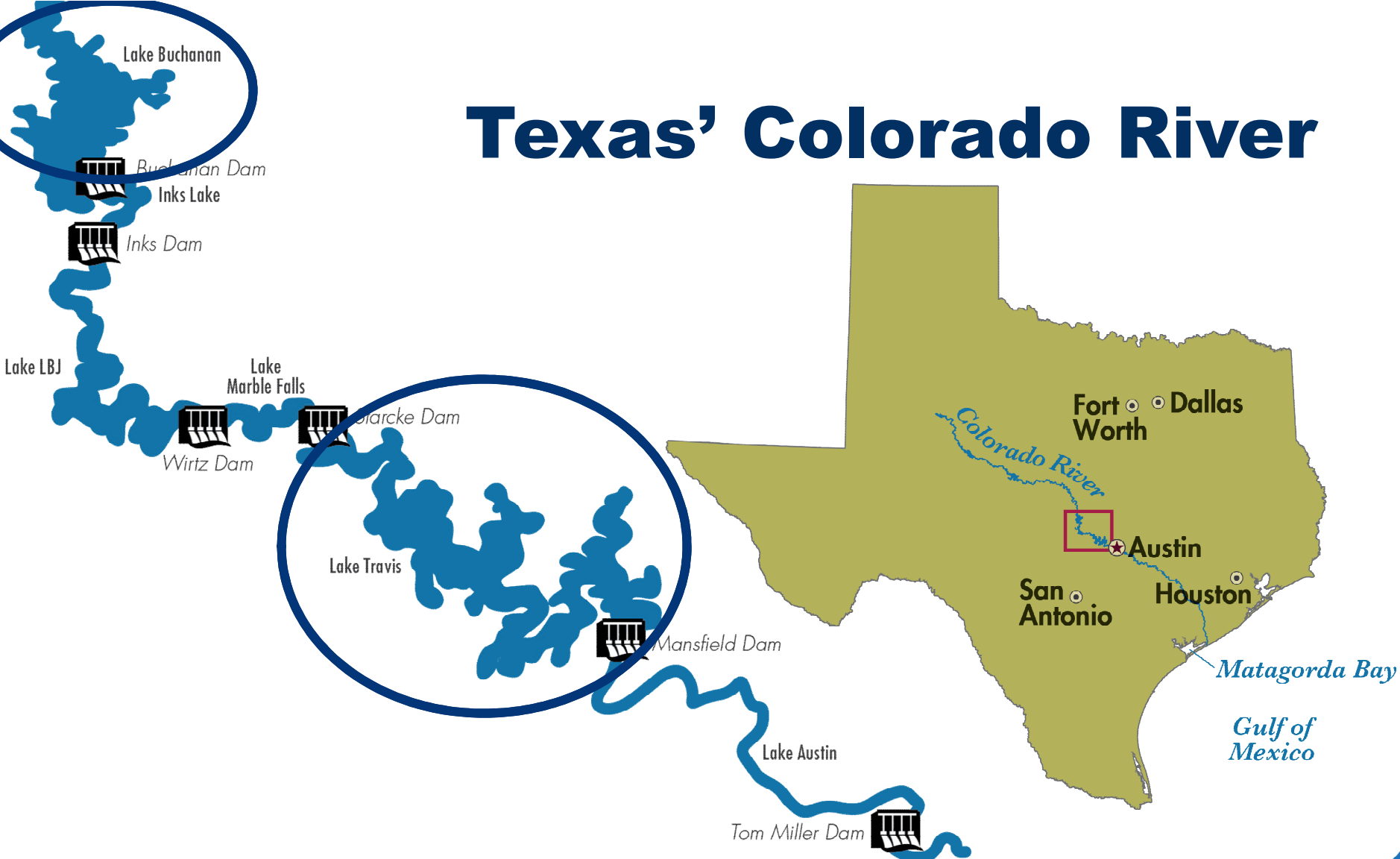
LCRA Sr. Vice President

March 9, 2016

A Look at LCRA



Texas' Colorado River





where quality meets life

PFLUGERVILLE
TEXAS

City of
Leander



CEDAR
PARK



90 percent combined storage



Lake Travis

2015 WATER MANAGEMENT PLAN

Water Management Plan

Governs LCRA's operation of the Highland Lakes to supply water to users throughout the lower Colorado River basin

Water Management Plan



Water Management Plan Background

- Only one of its kind in the state
- Required by 1988 court order
- First plan approved in 1989
- Updates approved in 1991, 1992, 1999, 2010 and 2015

2015 Water Management Plan

- More responsive to changing conditions
- Ends “open supply” of interruptible water
- Considers storage, inflow conditions and a look-ahead test
- Determines availability of interruptible stored water separately for first and second crops

2015 Water Management Plan

- Includes hydrology through 2013
- Maintains combined storage above 600,000 acre-feet through a repeat of historic hydrology
- Includes most recent environmental flow studies

2016 Interruptible Stored Water Availability

- For combined storage of 1.8 million acre-feet on March 1 under Normal conditions:
 - Up to 202,000 acre-feet available for first crop

EXPANDING WATER SUPPLIES

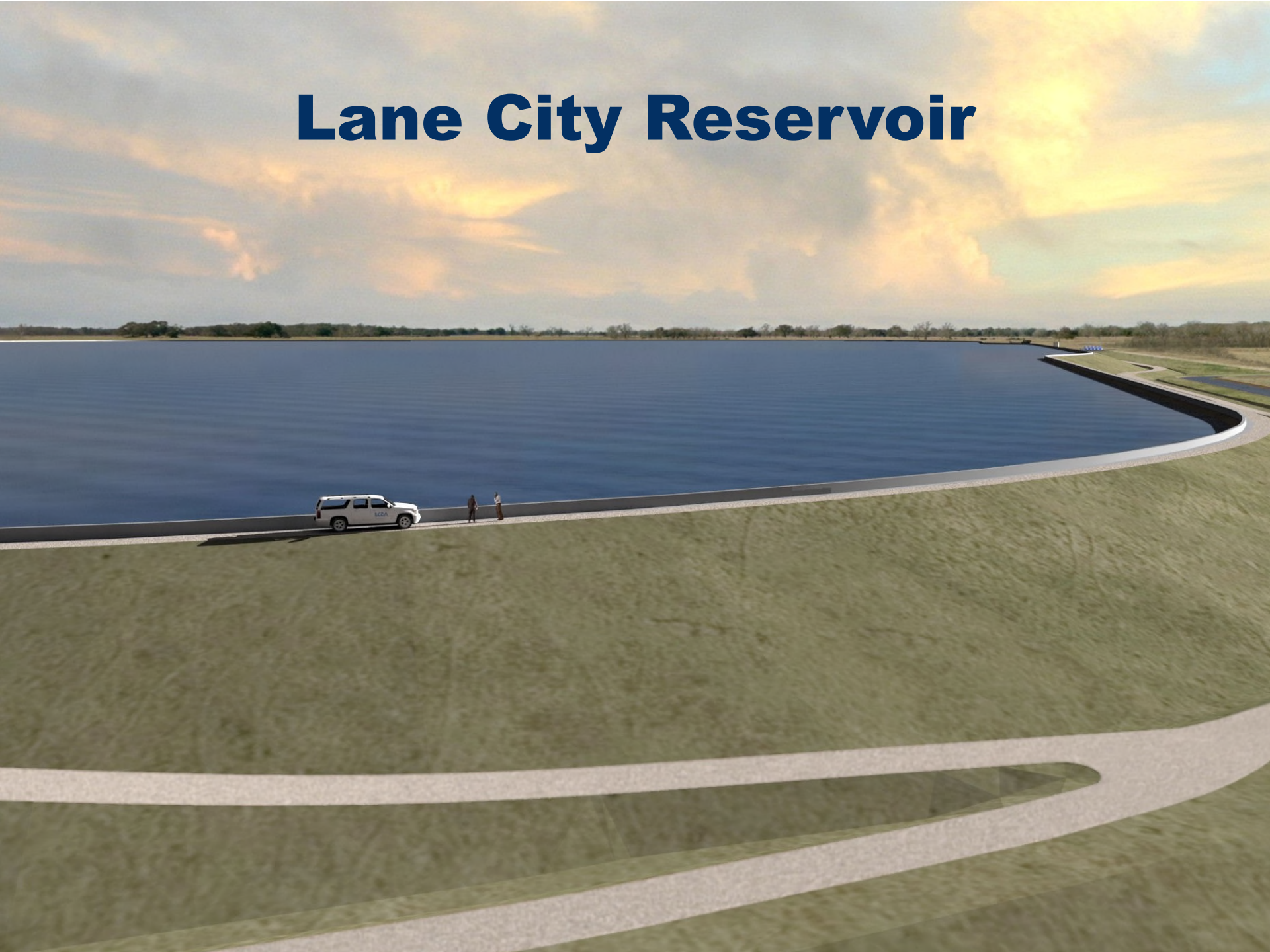
Groundwater Wells



Expanding Water Supplies

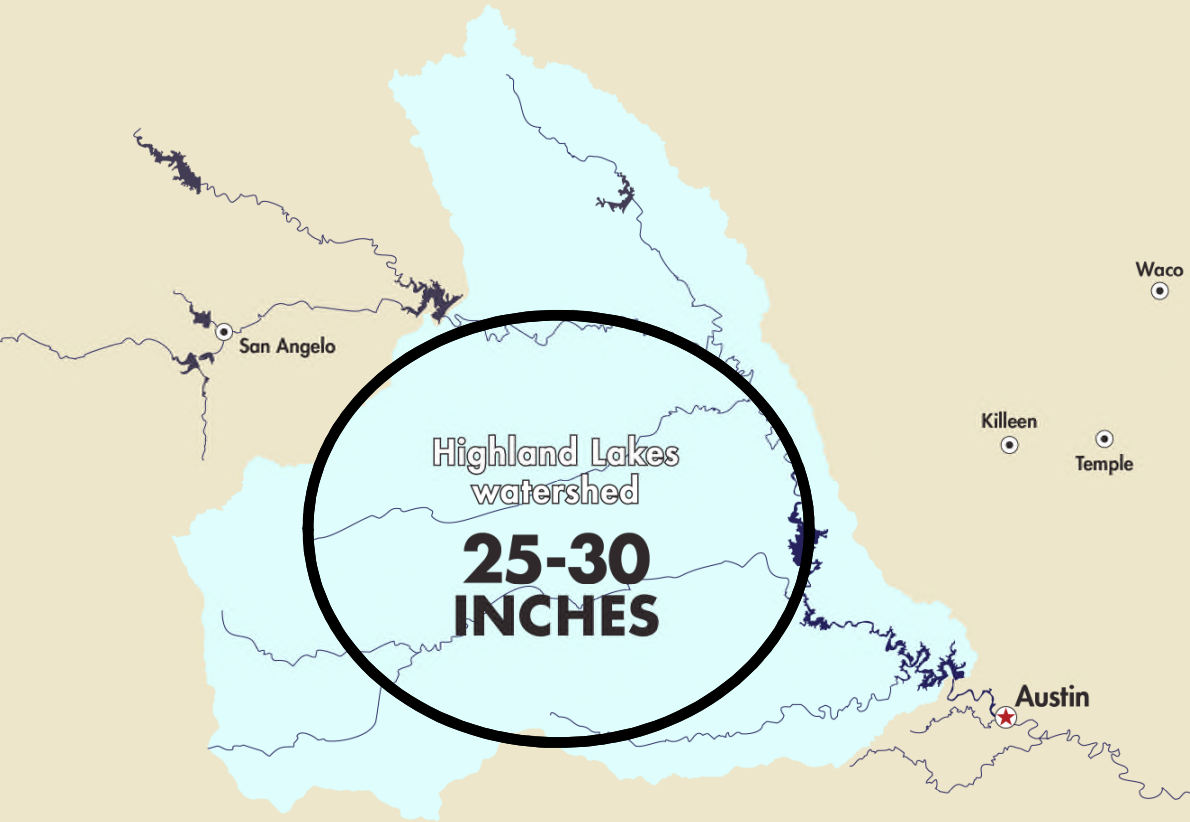
- Purchased groundwater rights
 - Griffith League Scout Ranch
- Building new downstream reservoir
 - Lane City Reservoir
- Developing additional water strategies

Lane City Reservoir

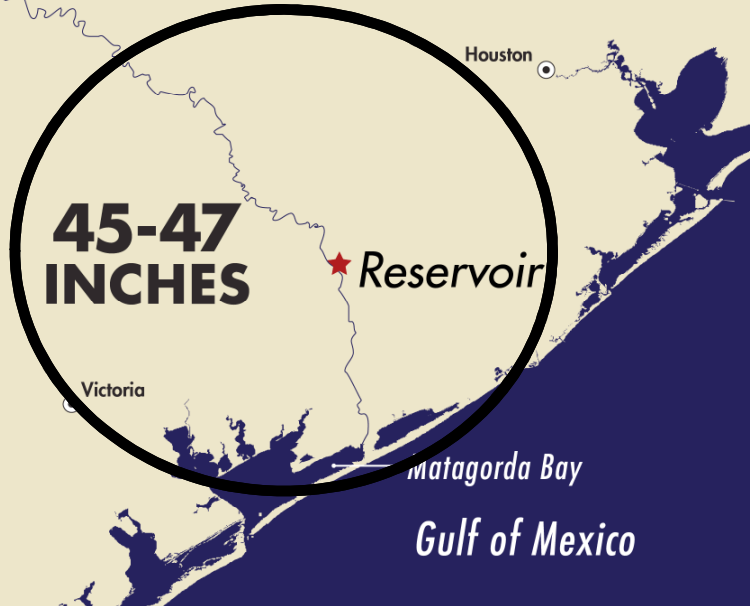


Lane City Reservoir Components





Amount of Annual Rainfall



LCRA

Enhancing the Lives of Texans

