



# **COLORADO RIVER BASIN CLEAN RIVERS PROGRAM UPDATES**

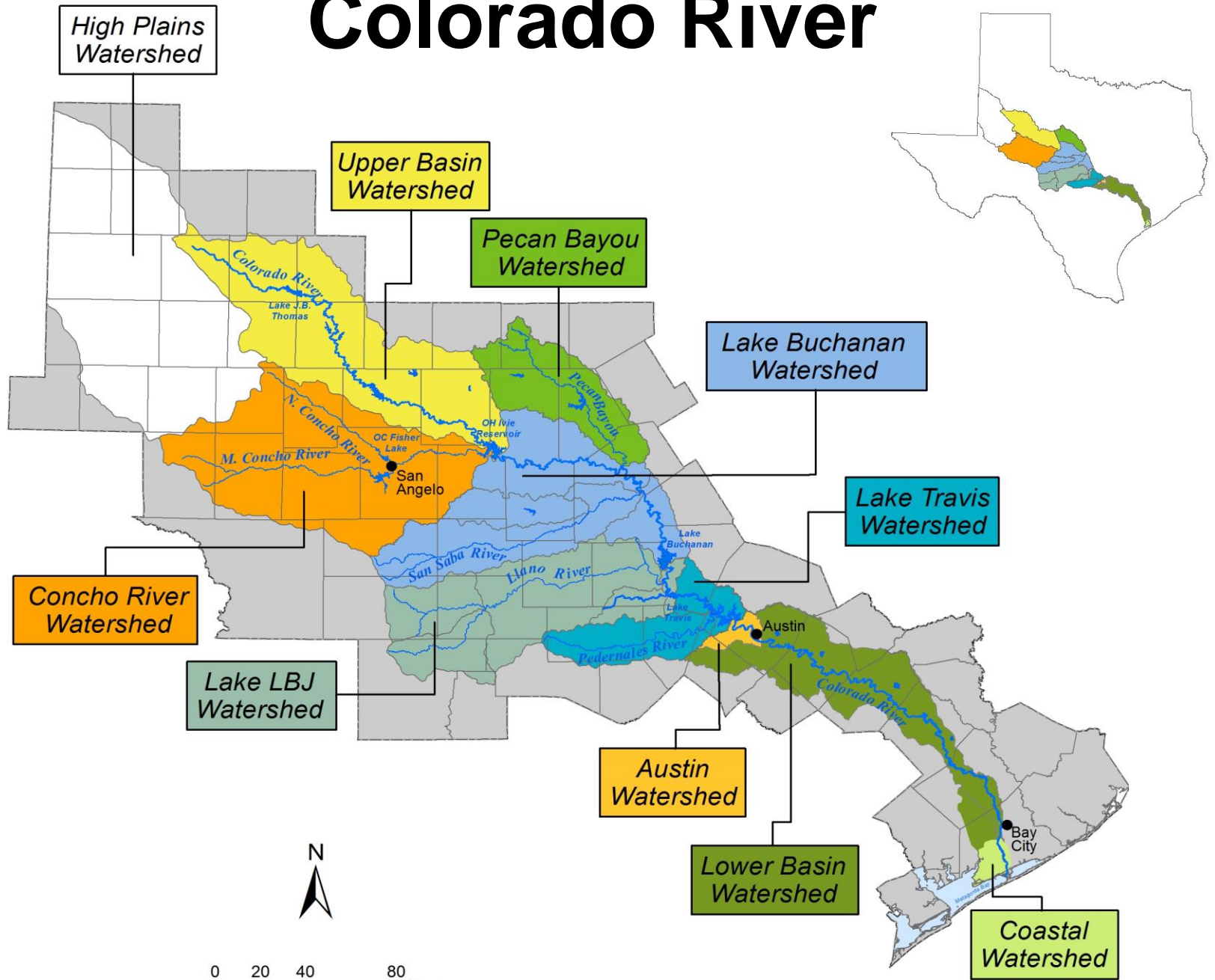
**WQAC Meeting 2018**

**Lisa Benton**

**Clean Rivers Program, Water Quality Protection**

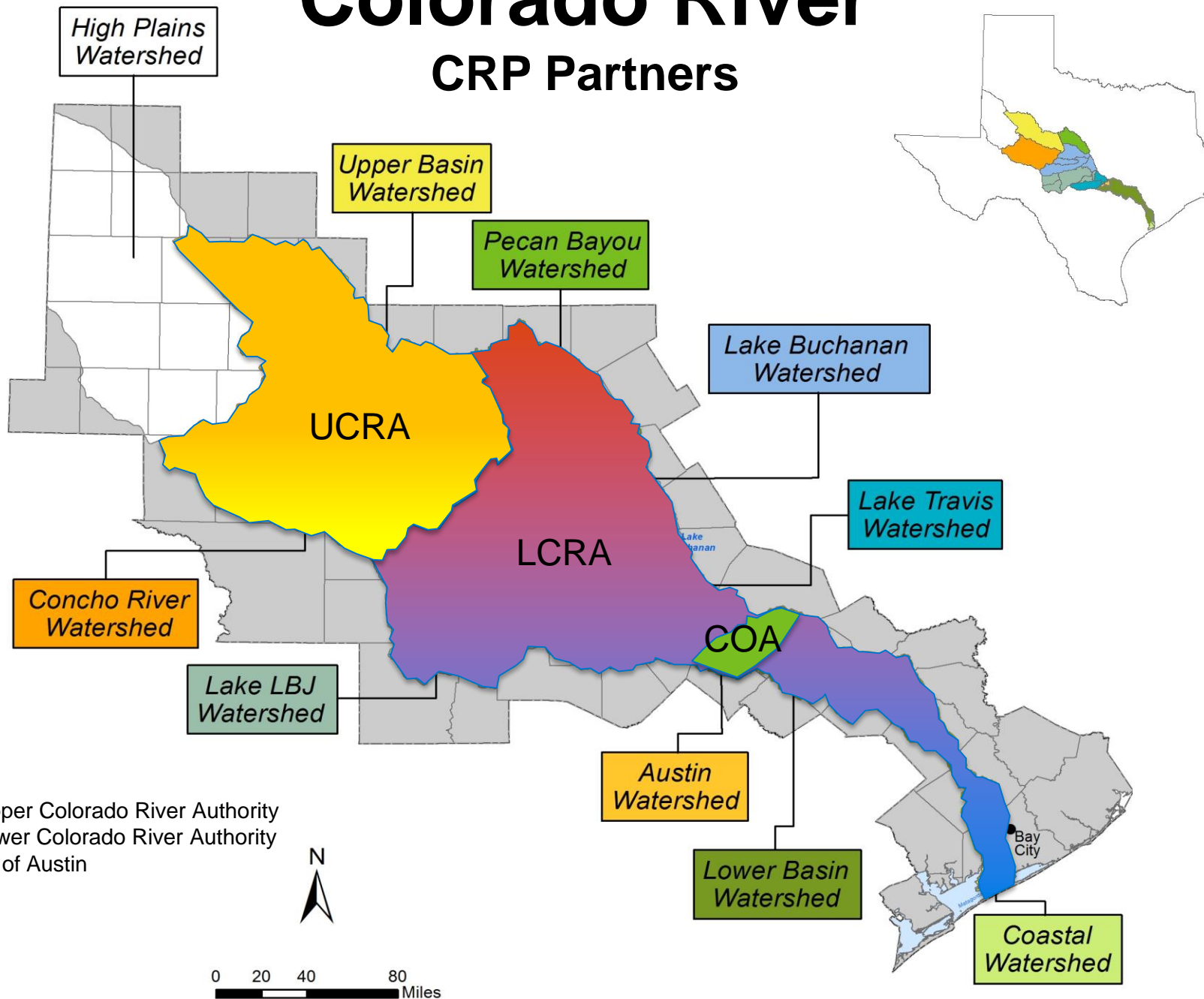
**Lower Colorado River Authority**

# Colorado River



# Colorado River

## CRP Partners



**UCRA** = Upper Colorado River Authority  
**LCRA** = Lower Colorado River Authority  
**COA** = City of Austin

# TCEQ Clean Rivers Program

## *Objectives*

- Provide quality-assured data to the TCEQ for use in decision making
- Identify and evaluate water quality issues
- Promote cooperative watershed planning
- Recommend management strategies
- Inform and engage stakeholders
- Maintain efficient use of public funds



# Colorado River Basin CRP Funds

<b>Contract Year</b>	<b>State Dollars</b>	<b>Federal Dollars</b>	<b>Total</b>
<b>2014-2015</b>	\$789,718	\$0	\$789,718
<b>2016-2017</b>	\$487,594	\$400,000	\$887,594
<b>2018-2019</b>	\$543,548	\$455,902	\$999,450

# Increase in Federal Funding

- Additional monitoring in the Highland Lakes
- Bolster reservoir water quality data to contribute to more accurate water quality modeling
- Colorado River Environmental Models (CREMs) program
  - Evaluates water quality trends
  - Predicts impacts of various decisions and actions on the Highland Lakes
  - Provides insight into effectiveness of the TCEQ Discharge Ban

# LCRA Water Quality Resources

- [WATERQUALITY.LCRA.ORG](http://WATERQUALITY.LCRA.ORG): CRP monitoring sites and data
- [CMS.LCRA.ORG](http://CMS.LCRA.ORG): Monitoring frequency, parameters, agencies, sites, segments
- [CRWN.LCRA.ORG](http://CRWN.LCRA.ORG): Volunteer monitoring sites and data
- [HYDROMET.LCRA.ORG](http://HYDROMET.LCRA.ORG): Flow, lake levels, rainfall, radar



# Questions?





Extra slides

# Texas Integrated Report Timeline

- 2014 Texas Integrated Report (TxIR)
  - TCEQ approved – June 3, 2015
  - EPA approved – November 19, 2015
- Draft 2016 TxIR
  - Number crunching began September 2015
  - Data Provider Comments – February 2016
  - Public Comment
  - TCEQ Agenda

# Draft 2016 TxIR – Impaired Water Bodies

22  
Water  
bodies  
impaired  
basin-  
wide

- 12 water bodies in middle/lower basin
- No new listings

SEGID	Segment Name	Parameter
1402	Colorado River Below La Grange	bacteria
1402C	Buckners Creek	dissolved oxygen
1402H	Skull Creek	dissolved oxygen
1403A	Bull Creek	dissolved oxygen
1403J	Spicewood Tributary to Shoal Creek	bacteria
1403K	Taylor Slough South	bacteria
1407A	Clear Creek	pH total dissolved solids sulfate aluminum nickel zinc
1427A	Slaughter Creek	macrobenthics
1428B	Walnut Creek	bacteria
1428C	Gilleland Creek	bacteria
1429C	Waller Creek	bacteria macrobenthics
1432	Upper Pecan Bayou	bacteria



# Draft 2016 TxIR – De-listings



1403  
Lake  
Austin

- Dissolved Oxygen

1403A  
Bull  
Creek

- Dissolved Oxygen (Partial de-listing)

1427  
Onion  
Creek

- Sulfate

# What's Next?

- Draft 2016 TxIR
  - Public Comment – ??
  - TCEQ Agenda – ??
- Prepare for 2018 TxIR

