



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

**WQAC Meeting 2017**

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**Clean Rivers Program, Water Quality Protection**

**Lower Colorado River Authority**

# Legislative History – Clean Rivers Program

- 1991, 72<sup>nd</sup> Texas Legislature
  - Concern that water resource issues were not being pursued in an integrated, systematic manner
  - Senate 818, Texas Clean Rivers Act
  - Amended Texas Water Code by adding Section 26.0135

# Legislative History – Clean Rivers Program

- 1997, 75<sup>th</sup> Texas Legislature
  - HB 1190 and companion SB 597
  - Amended the Texas Clean Rivers Act
  - In addition to assessment,
    - Water quality monitoring was added
    - Help Commission with wastewater permitting and the development of Water Quality Standards
    - **Establish Steering Committees**
    - Produce quality-assured data

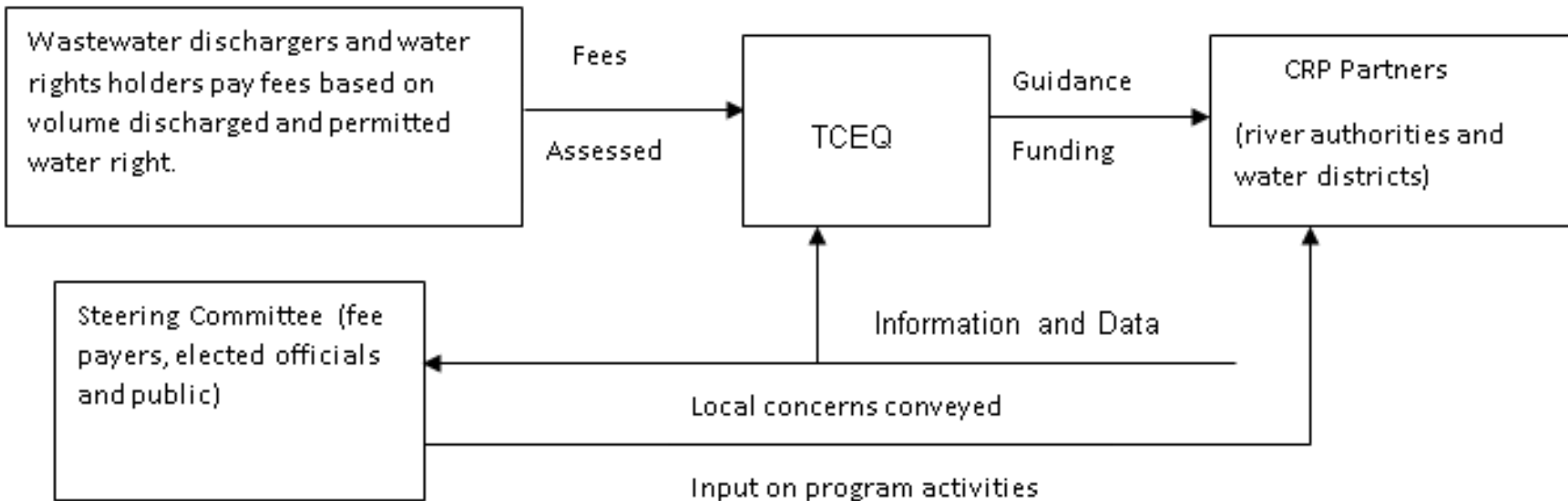
# Legislative History – Clean Rivers Program

- Commission to Adopt Rules
  - Water quality monitoring program that minimizes duplication in efforts
  - Establish database of quality assured data
  - Identify water quality problems and prioritize
  - Identify water quality management strategies
  - Provide written summary report

# Clean Rivers Program

- Approach water quality issues in a river basin or watershed
- Coordinating efforts of diverse groups
- **Seek public input and involvement**
- Standardized data collection, management and analysis

# Clean Rivers Program – How it Works



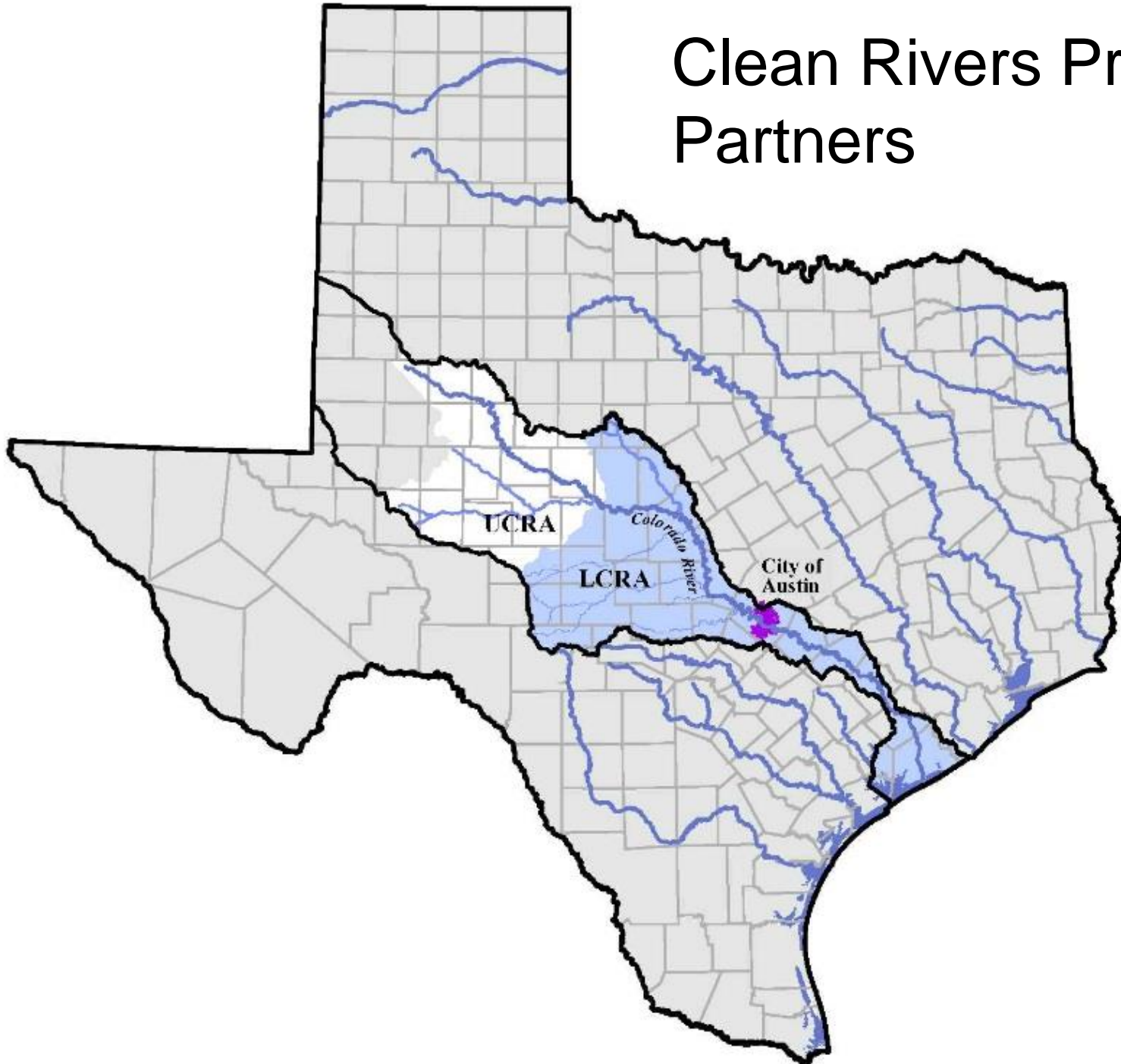


# Water Quality Advisory Committee

- 2017: One meeting in basin below O.H. Ivie (you're at it!)
- 2018:
  - Middle Basin WQAC (Highland Lakes and tributaries + Austin)
  - Lower Basin WQAC (River and tributaries below Austin)
- Post-meeting survey – please provide input/feedback

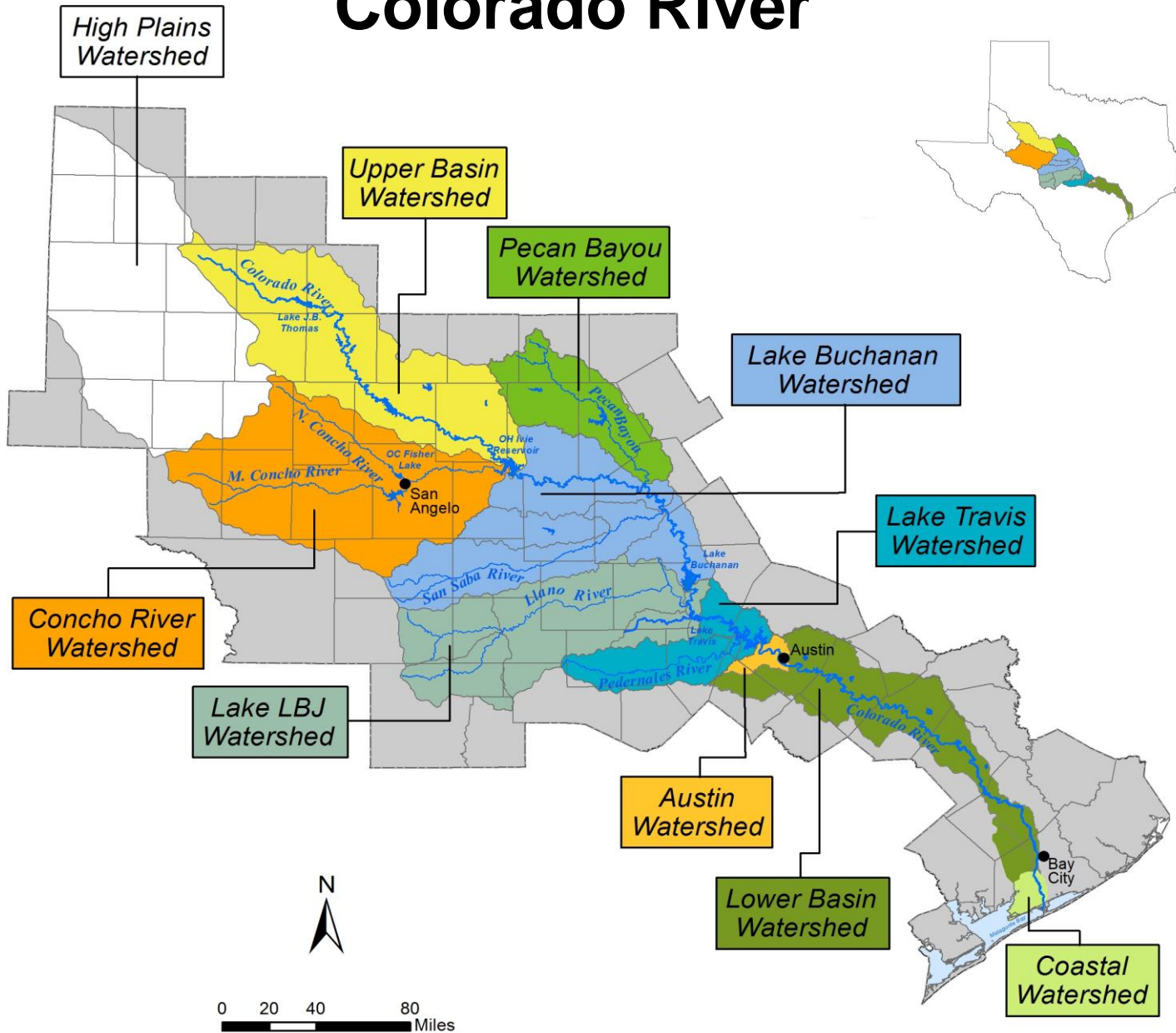


# Clean Rivers Program Partners





# Colorado River



# LCRA Water Quality Protection

- **Clean Rivers Program**
- Regulatory programs
  - Septic inspection and permitting
  - Non-point source pollution prevention
- Colorado River Environmental Models
- Colorado River Watch Network
- Biological monitoring
- Etc.



# LCRA Water Quality Protection

- **Clean Rivers Program**
- Regulatory programs
  - Septic inspection and permitting
  - Non-point source pollution prevention
- Colorado River Environmental Models
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- Etc.





# 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



# 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?

