

# AGENDA

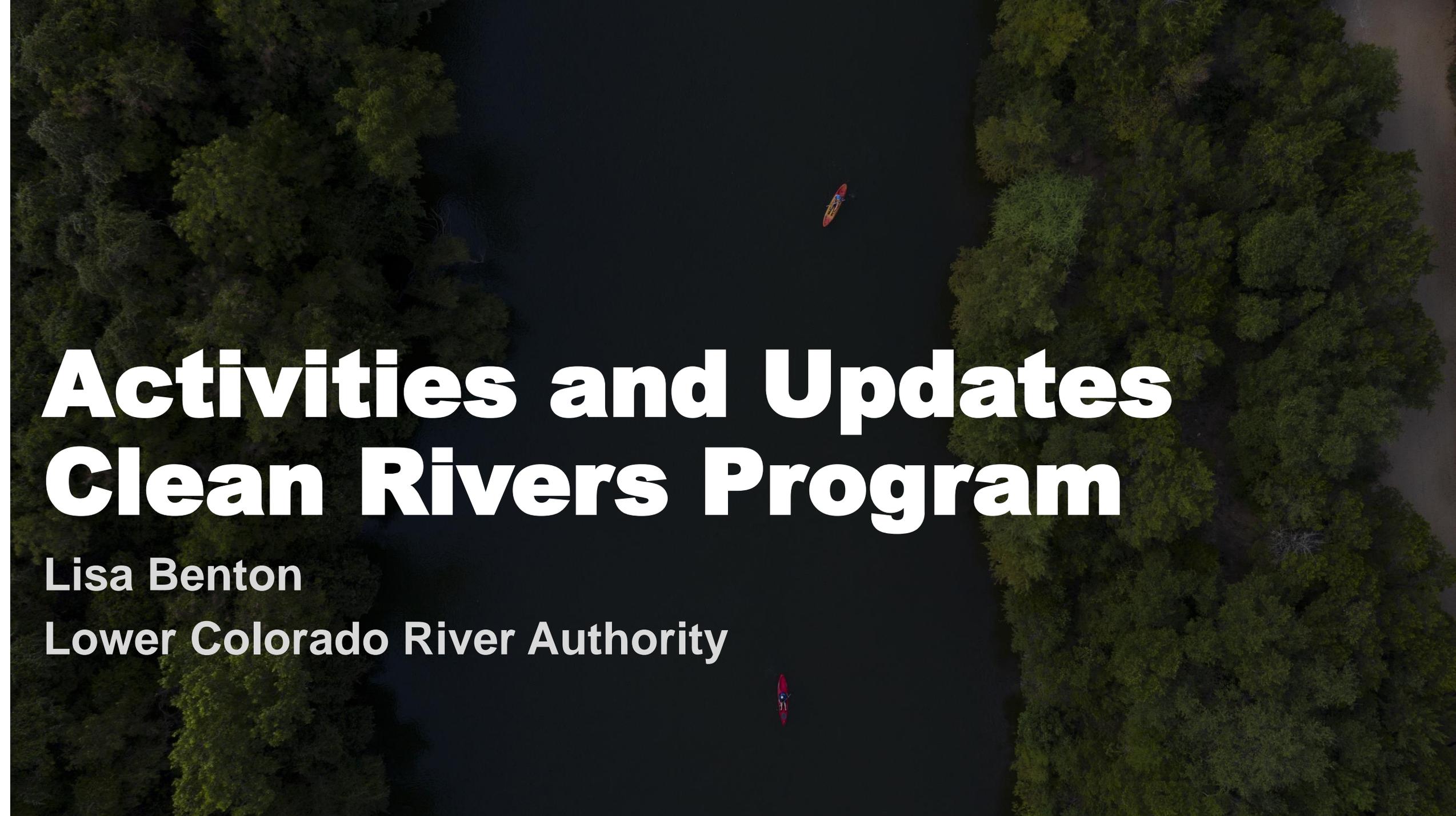
- Clean Rivers Program Activities and Updates
- Drought Outlook
- Plants and Microplastics Pollution
- Basin Summary Report Planning
- Stakeholder Updates
- Water Quality Roundtable:
  - ❖ Colorado River Watch Network
  - ❖ Proposed changes to the Texas Surface WQ Standards
  - ❖ Aquatic vegetation and algae in the Highland Lakes
  - ❖ LCRA Candidate Conservation Agreement with Assurances

# **Welcome and Introductions**

**Virtual attendees, please type the following into the chat:**

- Name**
- Affiliation (Agency, Citizen, CRWN, AYRW, etc.)**
- Favorite aquatic organism**





# **Activities and Updates Clean Rivers Program**

**Lisa Benton**

**Lower Colorado River Authority**

# CRP History and Structure

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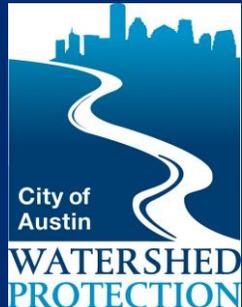
*Working together for clean  
water and science-based  
decisions*



1991  
Texas Legislature  
passes the  
Clean Rivers Act



+  
Other Texas  
River  
Authorities /  
Water Districts

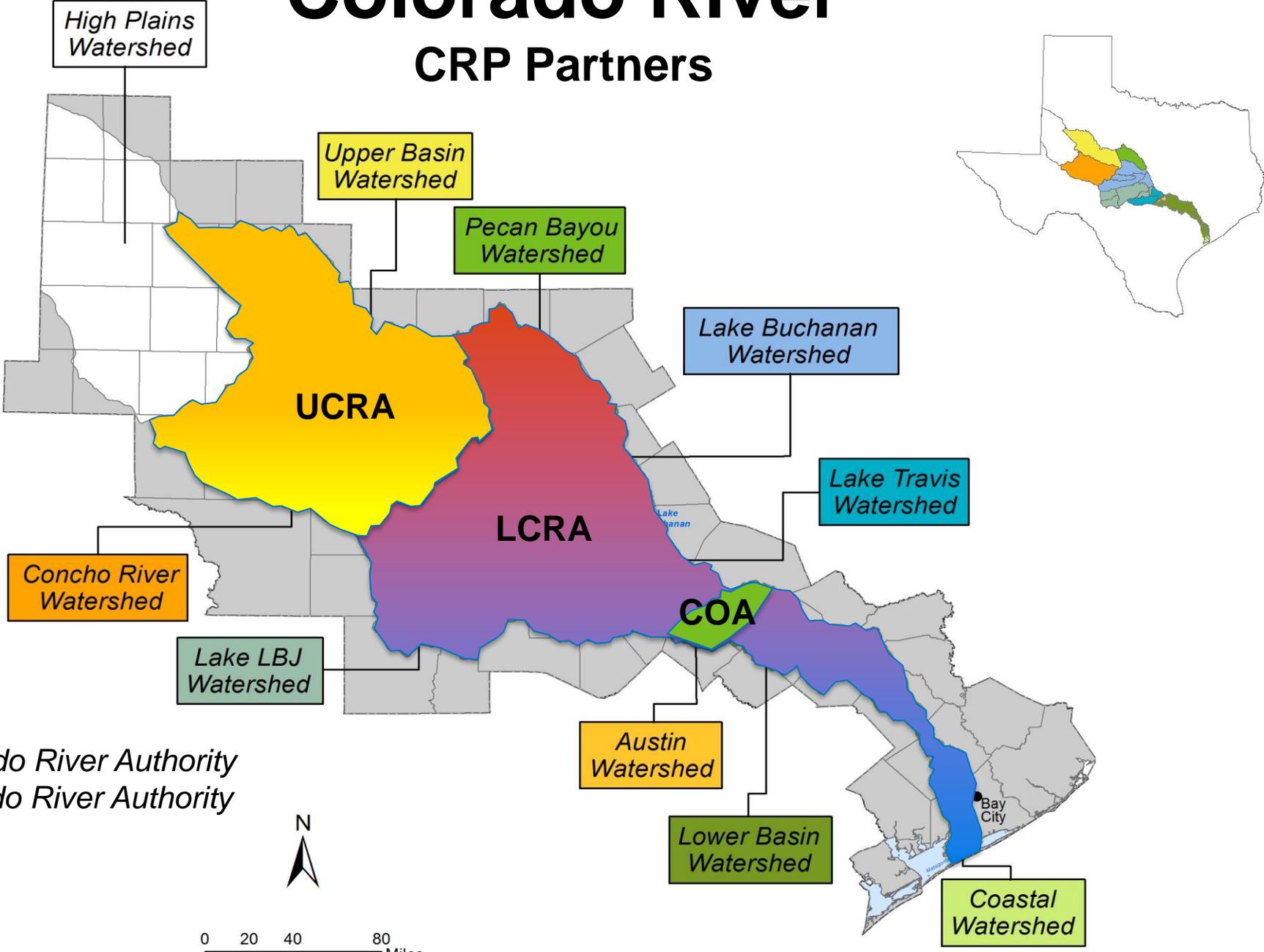


City of Austin  
provides data  
in-kind

WATER QUALITY DATA  
REPORTING  
STAKEHOLDER EDUCATION

# Colorado River

## CRP Partners



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

ucra.tx.org

**UCRA**

upper colorado river authority

PROTECT . PRESERVE . ENHANCE

**HOME**

**ABOUT US**

**CONTACT US**

**PUBLIC INFORMATION**

**PROJECTS & PARTNERSHIPS**

**NEXT BOARD MEETING**

**REAL TIME CONDITIONS**

**WATER QUALITY DATA**

**FOLLOW US**



Departments > Watershed Protection

## Watershed Protection

Departamento de Protección de Cuencas

Home



About



Services



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FAQ



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### Welcome to the Watershed Protection Department

Watershed Protection protects lives, property and the environment of our community by reducing the impact of flood, erosion and water pollution.

Austin is particularly vulnerable to these problems due to our torrential downpours and rocky landscape. We have a multi-tiered approach including a wide variety of ongoing programs such as Grow Green and the Lady Bird Lake Cleanup Crew; construction projects such as stormwater ponds and streambank restorations; and regulations to help prevent future problems. We are mostly funded by the [drainage charge](#) on utility bills.

Call **3-1-1** to report a **drainage problem**. To report potential pollution, please call our **24-hour pollution hotline** at **512-974-2550**. There is more contact information on our [About](#) page.

#### Recent News



August 6, 2021

[City of Austin investigates potential harmful algae in Bull Creek](#)

June 1, 2021

### Top Content

☆ [Welcome to the Watershed Protection Department](#)

State of Our Environment



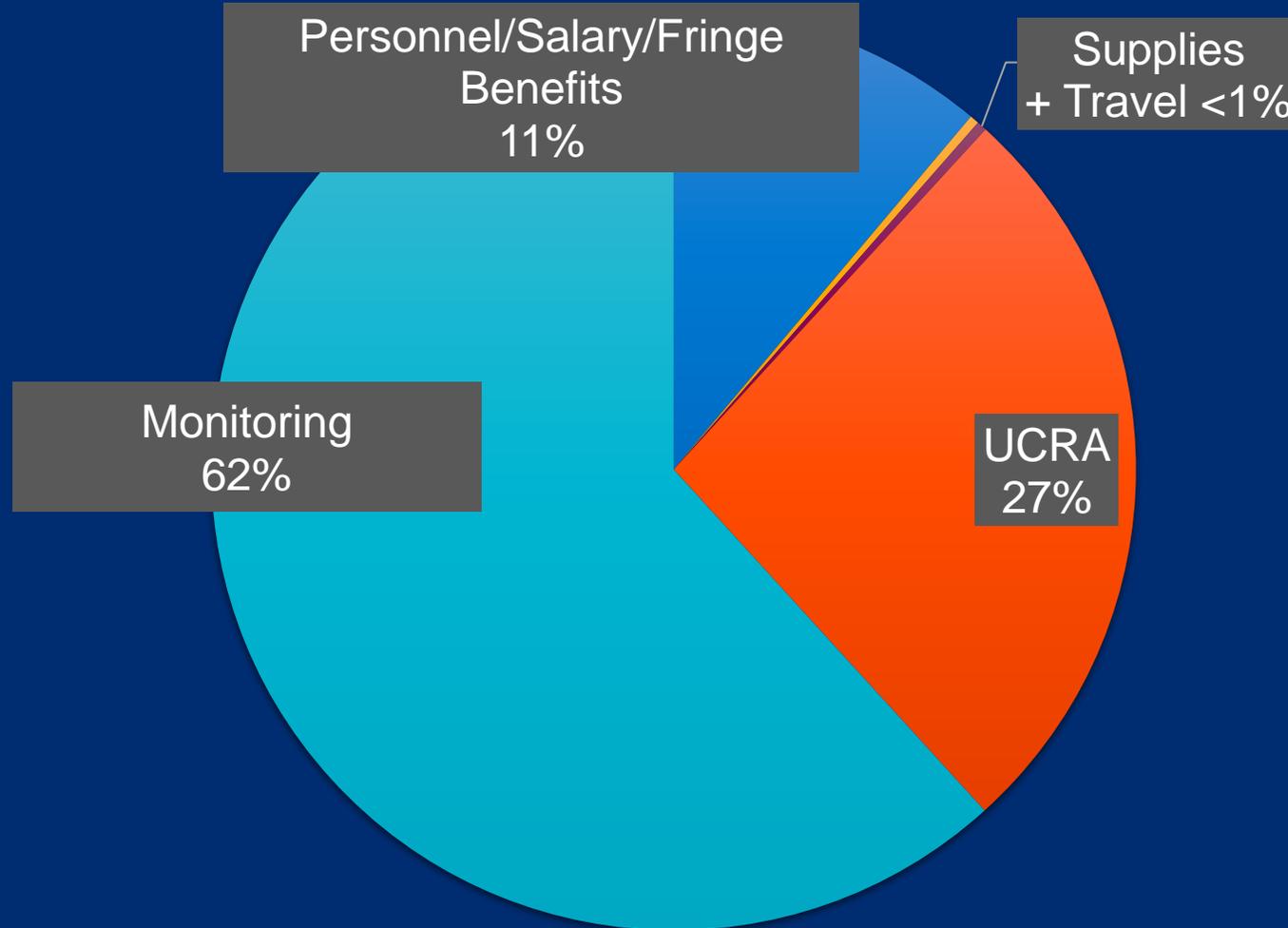
Find Watershed on Facebook



Watershed is on Twitter

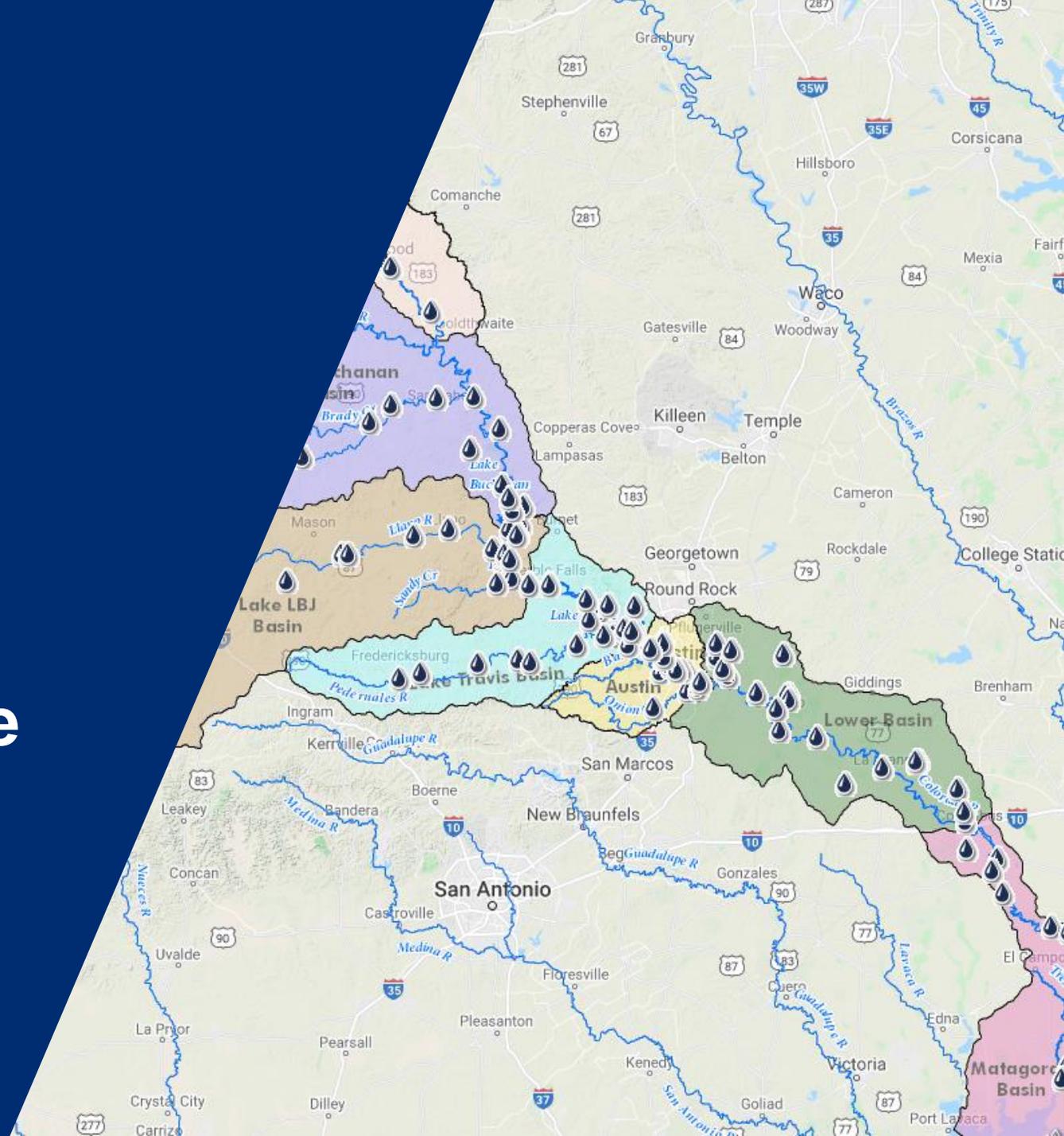


# LCRA CRP Allocation of Funds FY 22-23 (\$887,594)



# Texas Integrated Report

Statewide assessment of the  
status of state waters



# Texas Integrated Report and 303(d) List

- Statewide assessment of the status of state waters
  - Compares water quality data to approved water quality standards and screening levels
  - Evaluates all readily available data
  - Identifies impaired waters for TMDLs on the 303(d) List
- Required by:
  - Federal Clean Water Act, Sections 305(b) and 303(d)
- Conducted every two years
  - Draft due to EPA on April 1 of even numbered years

# **Draft 2022 Texas Integrated Report and 303(d) List**

**Pending Approval by EPA**

Period of Record: 12/01/2013 – 11/30/2020

## **Statewide**

- **1490 water bodies evaluated**
- **588 impaired water bodies**
  - 74 new impairments
  - 47 removed

## **Colorado River Basin**

- **138 water bodies evaluated**
- **19 impaired water bodies**

# Draft 2022 Texas Integrated Report

## Colorado River Basin



- Added in 2022

Impaired Water Bodies in the Colorado Basin		
SEGID	WaterBody Name	Impairment Description
1402C	Buckners Creek	Dissolved Oxygen 24hr
1402H	Skull Creek	Dissolved Oxygen 24hr
1403A	Bull Creek	Dissolved Oxygen 24hr
1403J	Spicewood Tributary to Shoal Creek	E. coli
1403K	Taylor Slough South	E. coli
1405	Marble Falls Lake	Excessive algal growth in water
1406	Lake Lyndon B. Johnson	Excessive algal growth in water
1407A	Clear Creek	Aluminum (dissolved), Copper (dissolved), Nickel (dissolved), Zinc (dissolved), pH, Total Dissolved Solids, Sulfate
1411	E. V. Spence Reservoir	Total Dissolved Solids, Chloride, Sulfate
1412	Colorado River Below Lake J. B. Thomas	Enterococcus
1412B	Beals Creek	Enterococcus
1416	San Saba River	E. coli
1416A	Brady Creek	Dissolved Oxygen 24hr
1419	Lake Coleman	Excessive algal growth in water
1421	Concho River	Dissolved Oxygen 24hr
1428B	Walnut Creek	E. coli
1428C	Gilleland Creek	E. coli
1429	Lady Bird Lake (formerly Town Lake)	Excessive algal growth in water
1429C	Waller Creek	Macrobenthic Community, E. coli

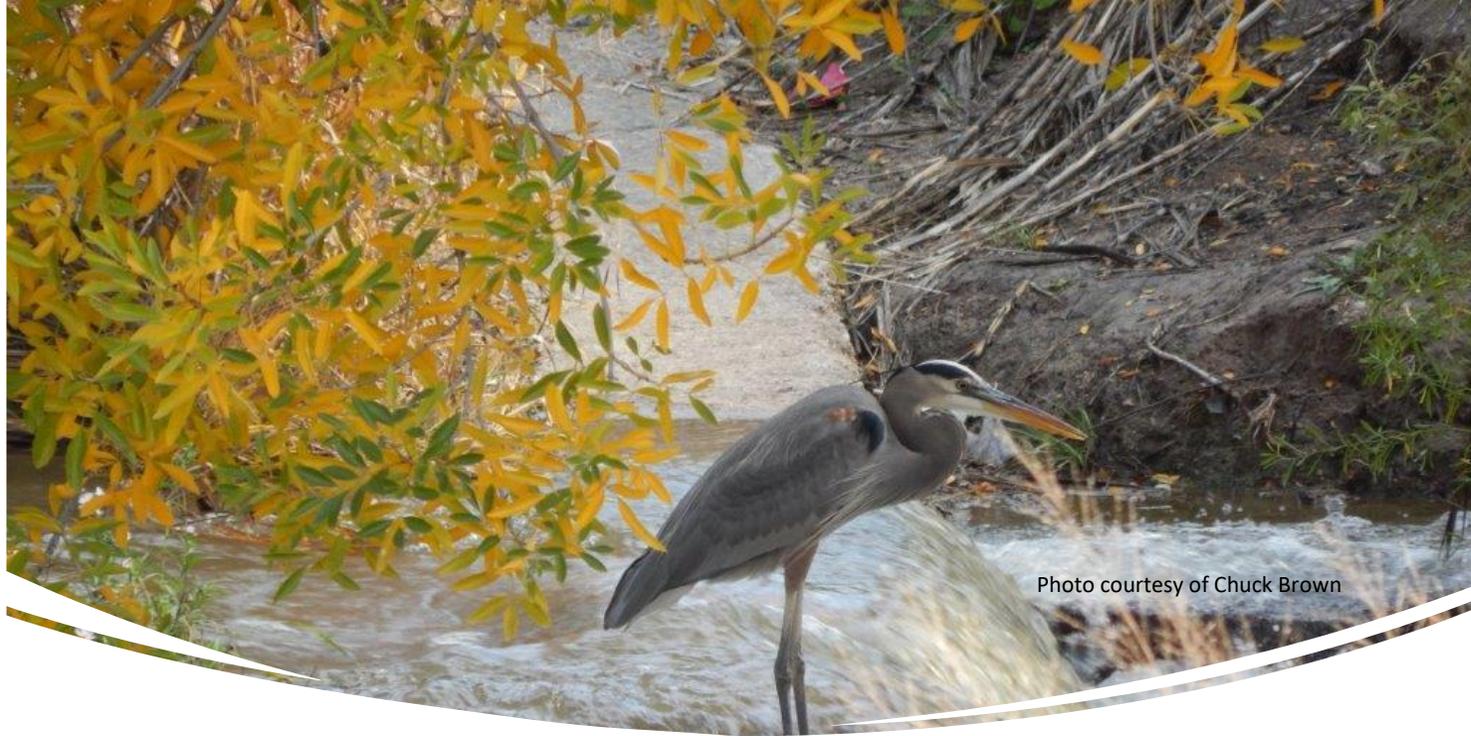


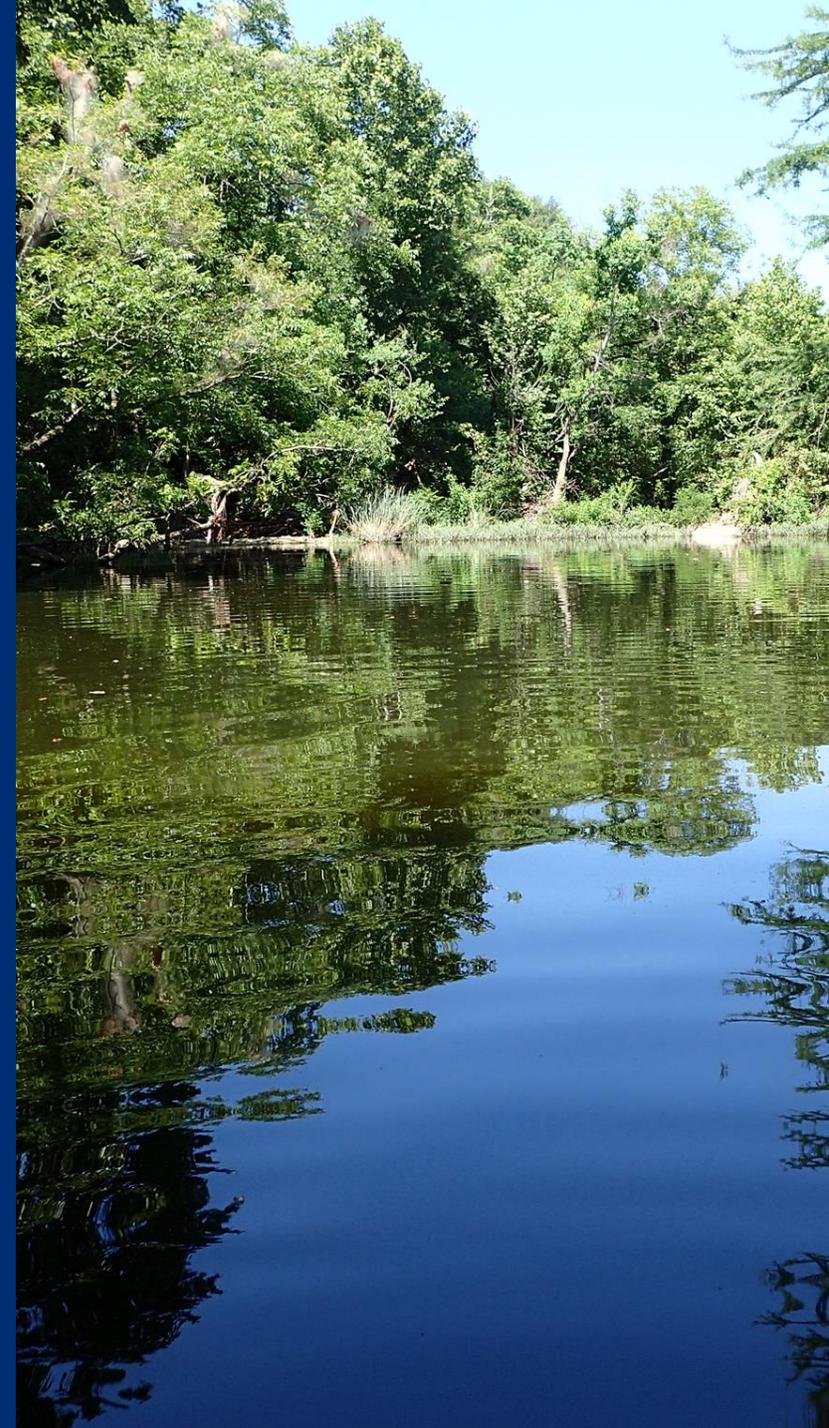
Photo courtesy of Chuck Brown

## Water Bodies Removed from the Draft 2022 303 (d) List

- 1413 Lake J.B. Thomas – chloride, total dissolved solids
- 1425 O.C. Fisher Lake – chloride, total dissolved solids
- 1427A Slaughter Creek – impaired benthics
- 1433 O.H. Ivie Reservoir – excessive algal growth in water
- 1434G Alum Creek – *E. coli*

# **Integrated Report – Going Forward**

- **June 2022 – Present the Draft 2022 Integrated Report and 303(d) List to TCEQ Commission**
- **Following Commission approval – send to EPA**
- **September 2022 – begin the call for data for the 2024 Integrated Report**





# **2022 Colorado River Basin Highlights Report**

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An overview of water quality in the Colorado River Basin

# Coordinated Monitoring Meeting Recap

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*Decisions on monitoring for  
2023 Fiscal Year*



# WQ Monitoring Additions

- Colorado River below Lady Bird Lake
  - New site created at Austin's Colony neighborhood



# WQ Monitoring Additions

- **Clear Creek (tributary to Inks Lake)**
  - Adding 2 events – chloride, sulfate, dissolved metals
- **Llano River (FM 1871 in between Junction and Castell)**
  - Adding a new site to keep track of native mussel species near this crossing