

Clean Rivers Program

2023

Water Quality Advisory Committee Meeting



AGENDA

- Clean Rivers Program Activities and Updates
- Basin Summary Report Overview
- TPWD Lower Colorado River Initiatives
- Weather Outlook
- Environmental Flows
- Rain to River Strategic Plan
- Great Springs Project
- Cyanotoxins
- *Lunch: Open Forum*



Activities and Updates Clean Rivers Program

Lisa Benton, LCRA

Zoe Nichols, LCRA

Kiran Freeman, TCEQ

CRP History and Structure

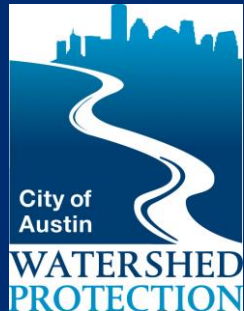
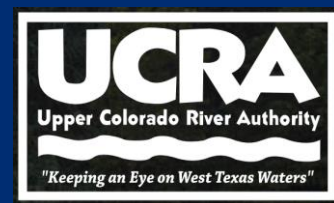
*Working together for clean
water and science-based
decisions*



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



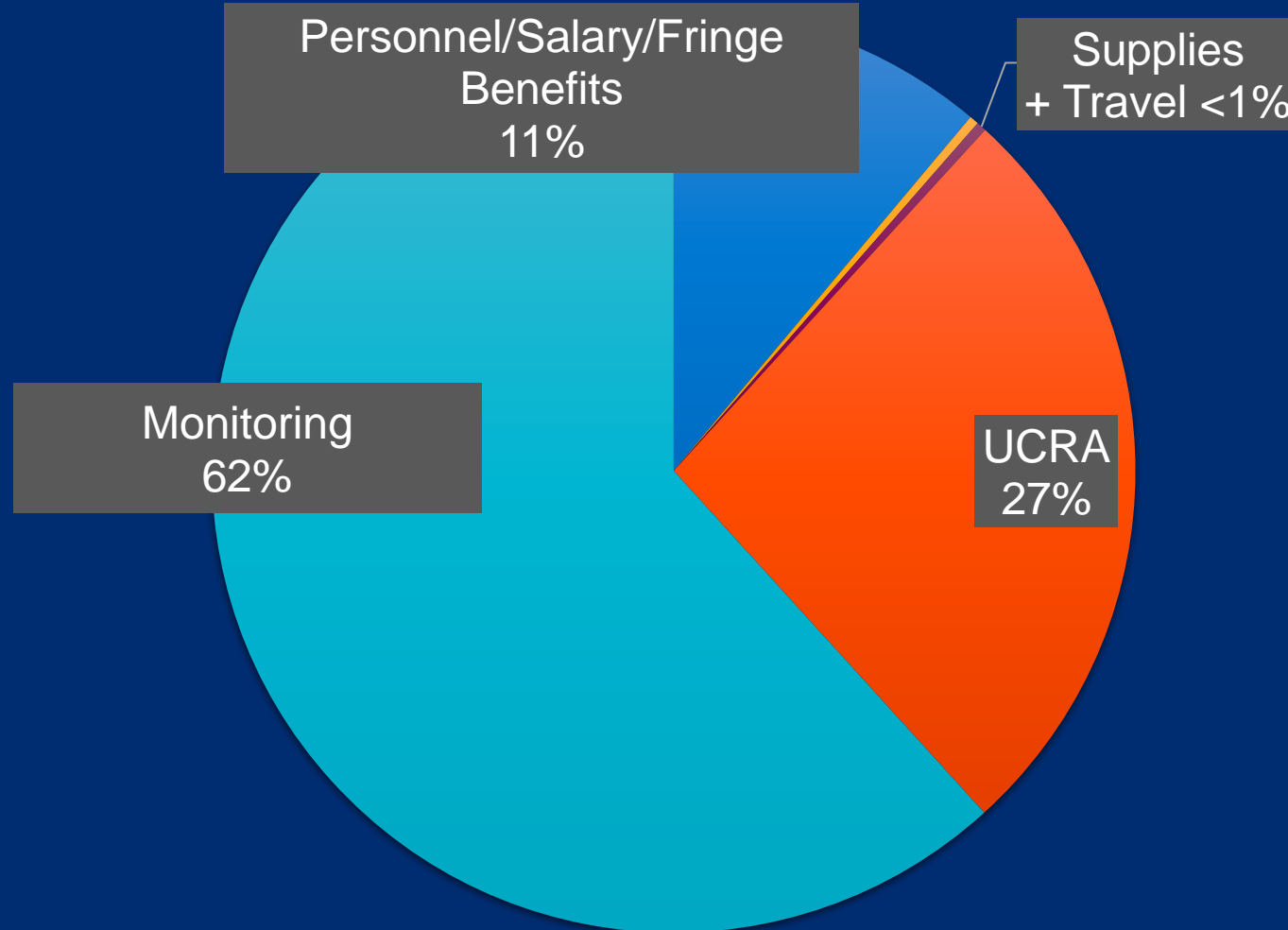
Basin Partner Regions

Upper Colorado River Authority (UCRA)

Lower Colorado River Authority (LCRA)

City of Austin (COA)

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

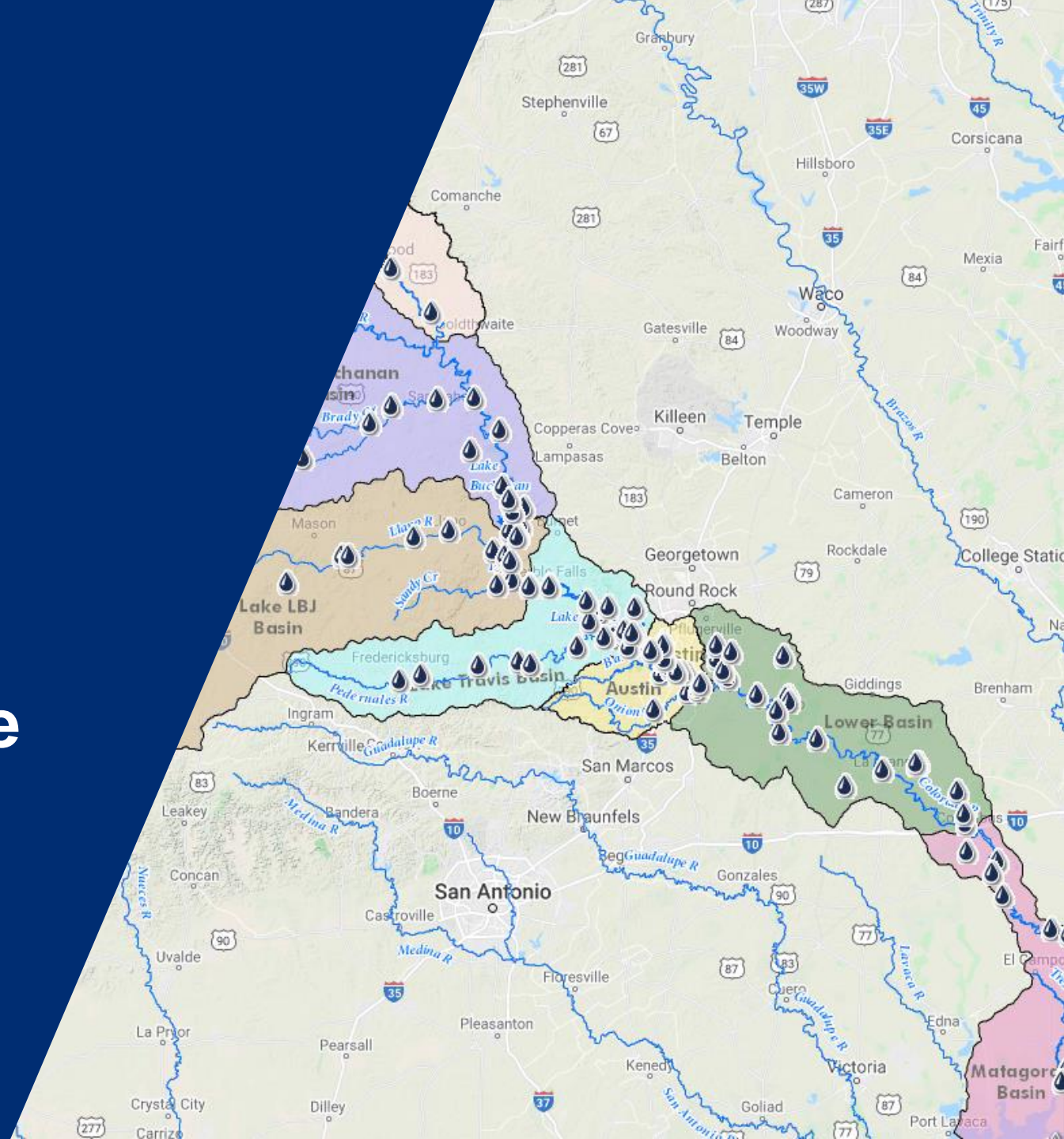


Budget Planning for FY 24-25 Contract

- **Baseline budget increasing to \$909,212**
- **Previous contract baseline budget was \$763,594**
- **\$146K increase – potential uses being discussed:**
 - Increased monitoring in high priority segments as identified in Basin Summary Report and by stakeholders
 - Increased number of water quality parameters being collected at certain sites
 - More in-depth investigation of existing impairments and concerns
 - Additional CRP outreach

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

2022 Texas Integrated Report and 303(d) List

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**

2022 Texas Integrated Report Colorado River 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	Excessive algal growth in water
1429C	Waller Creek	Macrobenthic Community, E. coli

*Red text denotes that the site was added to the list in 2022

Water Bodies Removed from the 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*



Coordinated Monitoring Meeting

1:00 Today

*Decisions on monitoring for
2024 Fiscal Year*

