



# Environmental Advisory Committee Meeting

December 11, 2020





# CRP Overview

Established in 1991 by the 72nd Legislature enactment of Senate Bill 818.

Coordinates the regional monitoring resources to identify and address the water quality issues in the San Antonio River Basin.

SARA, TCEQ, BCRAGD, and the City of Boerne monitor water quality in the San Antonio River Basin.

Provide quality assured data to the TCEQ for use in water quality decision making.





# CRP Objectives

- Provide Quality-Assured Data to the TCEQ for Use in Water Quality Decision-Making
- Identify and Evaluate Water Quality Issues
- Maintain Efficient Use of Public Funds
- Adapt Program to Emerging Water Quality Issues

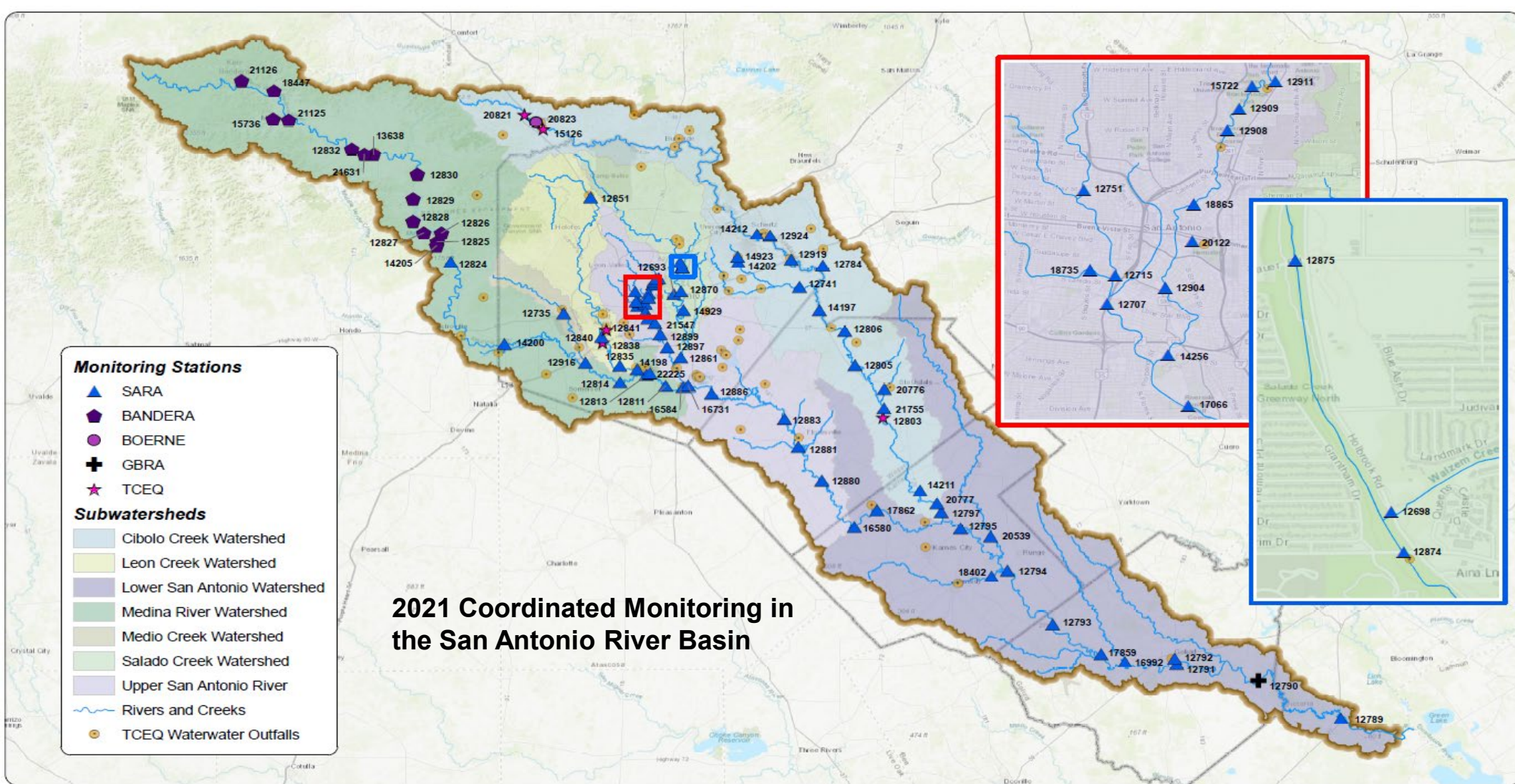


# CRP Coordinated Monitoring Meeting

- leverage funds, maximizing regional efforts, prevents duplication of efforts
- provides spatial and temporal distribution of monitoring efforts
- <https://cms.lcra.org/>
- Normally held in early spring









# CRP Coordinated Monitoring Schedule

FY20				Watershed	FY21				
SARA CRP	Partners	Total Sites Monitored	Biological Nekton		SARA CRP	Partners	Total Sites Monitored	Biological Nekton	
12	1-GBRA	13	4	Segment 1901: Lower San Antonio River	12	1-GBRA	13	4	
14	1-TCEQ	15	4	Segment 1902: Lower Cibolo Creek	12	1-TCEQ	13	5	Dropped 2 Clifton Branch Dissolved Oxygen only stations. Added 1 biological (benthic only)
6	0	6	2	Segment 1903: Lower Medina River	7	0	7	2	Added one bacteria station
0	5-BCRAGD	5	0	Segment 1904: Medina Lake	0	5-BCRAGD	5	0	
0	8-BCRAGD	8	2	Segment 1905: Upper Medina River	0	8-BCRAGD	8	2	
3	2-TCEQ	5	2	Segment 1906: Lower Leon Creek	3	2-TCEQ	5	2	
3	0	3	0	Segment 1907: Upper Leon Creek	1	0	1	0	Dropped 2 flow only stations
2	1-TCEQ	3	2	Segment 1908: Upper Cibolo Creek	0	2-TCEQ 1-Boerne	3	0	Dropped 2 biological events
0	1-BCRAGD	1	0	Segment 1909: Medina Diversion Lake	0	1-BCRAGD	1	0	
7	0	7	4	Segment 1910: Salado Creek	7	0	7	4	
21	0	21	6	Segment 1911: Upper San Antonio River	21	0	21	6	
2	0	2	2	Segment 1912: Medio Creek	2	0	2	2	
3	0	3	0	Segment 1913: Mid Cibolo Creek	3	0	3	0	
73	19	92	28	TOTAL	68	21	89	27	





A background image of two men on a boat, each holding two large bass fish. The man on the left is wearing a tan cap and sunglasses, and the man on the right is wearing a blue cap and sunglasses. They are both smiling. The boat is on a body of water with green trees in the background under a clear blue sky.

# TCEQ 2020 Texas Integrated Report (IR)

- 2020 Texas 303(d) List
- 2020 Index of Water Quality Impairments
- 2020 Water Bodies Evaluated
- 2020 Water Body Assessments by Basin
- 2020 Supplemental Data for Reservoir Nutrient Assessment
- 2020 Water Bodies with Concerns for Use Attainment and Screening Levels
- 2020 Potential Sources of Pollution for Impairments and Concerns
- 2020 New Listings and 2020 De-listings
- 2020 Guidance for Assessing and Reporting Surface Water Quality in Texas



# Segment 1911 – Upper San Antonio River



16731 San Antonio River  
Upstream Medina River  
Confluence





# Segment 1901 – Lower San Antonio River





# Segment 1901 – Lower San Antonio River





# Segment 1905 – Upper Medina River



12832 Upper Medina River FM 470





# Segment 1904 Medina Lake





# 1909 Medina Diversion Lake





# Segment 1903 Lower Medina River



12824 Medina River at CR 2615





# Segment 1908 Upper Cibolo Creek





# Segment 1913 Mid Cibolo Creek





# Segment 1902 Lower Cibolo Creek



12741 Martinez Creek Gable Road





# Segment 1910 Salado Creek



14929 Salado Creek at Comanche Park





# Segment 1912 Medio Creek





# Segment 1907 Upper Leon Creek & 1906 Lower Leon Creek





# 2021 CRP San Antonio River Basin Highlight Report

- What were the major events or occurrences during the 2020 year
- Water quality monitoring, impairments and concerns
- Projects and studies
- Stakeholder Participation & Public Outreach





# 2021 CRP San Antonio River Basin Highlight Report Timeline

Draft Report – February 15, 2021

Final Report – May 15, 2021



Young Flathead Catfish, biological monitoring event at 16580 San Antonio River at Conquista Crossing





Stream Order

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Elmidae

Omnivores

Hilsenhoff HBI

% Benthos

Stream order

Channel Sinuosity

Piscivores

Gravel-Erosion-Riparian Veg

Streambed Slope

Non-Native - Diseased

Percent Tolerant – Intolerant

Undercut Bank

Number of  
Transects

Poison Ivy

# Non-Insect Taxa

Chironomida

Macrophyte

Dominate Substrate

Percent Insectivores

Ecoregion

Nekton IBI

Right Bank  
Veg

