



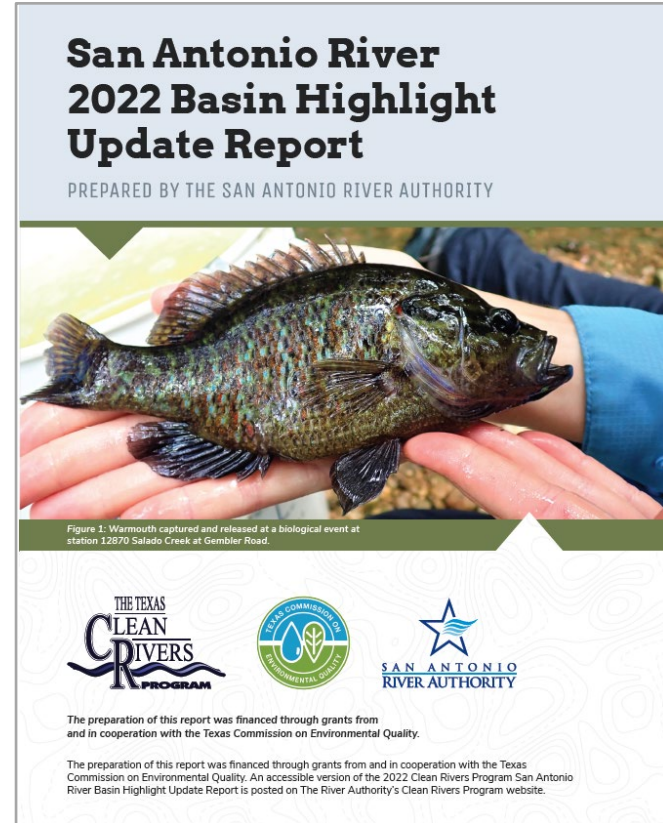
2022 Clean Rivers Program Update

June 10, 2022



2022 CRP Basin Update Report

- Complete
- Sent to printer
- Will shortly be on our website
- Hard copies will be available at our next in person meeting



2023 CRP Coordinated Monitoring Schedule

The screenshot shows the 'Coordinated Monitoring Schedule' website. At the top, there's a navigation bar with 'Coordinated Monitoring Schedule' and a 'Login' link. Below the navigation bar, on the left, is a text block explaining the program's purpose: 'Clean Rivers Program partners and Texas commission on Environmental Quality routinely monitor the water quality of rivers, lakes, bays and the Gulf of Mexico to determine if state standards are met. This site displays an interactive database that contains more than 1,800 sites monitored in Texas. Select a basin on the map to begin.' Below this is a link 'Click here to view all sites.' and a 'Choose Schedule FY:' dropdown menu set to '2023' (Fiscal Year to September 1-August 31). The main area features a map of Texas with major rivers and cities labeled. A 'Select by TCEQ Region' dropdown is visible. At the bottom, there are two columns of lists: 'Basin' and 'TCEQ Region'. The 'Basin' list includes 13 items, and the 'TCEQ Region' list includes 16 items.

Coordinated Monitoring Schedule

Clean Rivers Program partners and Texas commission on Environmental Quality routinely monitor the water quality of rivers, lakes, bays and the Gulf of Mexico to determine if state standards are met. This site displays an interactive database that contains more than 1,800 sites monitored in Texas. Select a basin on the map to begin.

Click here to view all sites.

Choose Schedule FY:
(Fiscal Year to September 1-August 31)

2023

Basin

- Basin 1 - Canadian River
- Basin 2 - Red River
- Basin 3 - Sulphur River
- Basin 4 - Cypress Creek
- Basin 5 - Sabine River
- Basin 6 - Neches River
- Basin 7 - Neches-Trinity Coastal
- Basin 8 - Trinity River
- Basin 9 - Trinity-San Jacinto Coastal
- Basin 10 - San Jacinto River
- Basin 11 - San Jacinto-Brazos Coastal
- Basin 12 - Brazos River
- Basin 13 - Brazos-Colorado Coastal

TCEQ Region

- TCEQ Region 1
- TCEQ Region 2
- TCEQ Region 3
- TCEQ Region 4
- TCEQ Region 5
- TCEQ Region 6
- TCEQ Region 7
- TCEQ Region 8
- TCEQ Region 9
- TCEQ Region 10
- TCEQ Region 11
- TCEQ Region 12
- TCEQ Region 13
- TCEQ Region 14
- TCEQ Region 15
- TCEQ Region 16

- <https://cms.lcra.org/>
- Starts Sept. 1, 2023



Description (key word)	Station	Region	Segment	Submitting Entity	Collecting Entity	Monitoring Type														
		13 14	1901 1902 1903	GB SA WC	BA BC FO	BS RT														
Site Description	Station ID	Waterbody ID	Region	SE	CE	MT	24 hr DO	AqHab	Benthics	Nekton	Metal Water	Organic Water	Metal Sed	Organic Sed	Conv	Bacteria	Flow	Fish Tissue	Field	Comments
Segment 1901 Lower San Antonio River Map																				
SAN ANTONIO RIVER AT US 77 ON REFUGIO-VICTORIA COUNTY LINE Map	12789	1901	14	SA	SA	RT					2				6	6	6		6	Metals = total and dissolved.
SAN ANTONIO RIVER FM 2506 EAST OF FANNIN Map	12790	1901	14	GB	GB	RT									12	12	12		12	NH3 and TKN will be done bimon
SAN ANTONIO RIVER BRIDGE ON US 77-A AND 183 SOUTHEAST OF GOLIAD Map	12791	1901	14	SA	SA	RT									6	52	52		52	River Recreation Bacteria Station, chlorophyll a/pheophytin
SAN ANTONIO RIVER AT SOUTHERN PACIFIC RR BRIDGE IN GOLIAD Map	12792	1901	14	SA	SA	BS	2	2		2							2		2	Biologicals collected approximately 150 M upstream of 12792
SAN ANTONIO RIVER AT SH 72 NEAR RUNGE Map	12794	1901	13	SA	SA	RT									6	52	52		52	BOD will be analyzed. River Recreation Bacteria Station, chlorophyll a/pheophytin
SAN ANTONIO RIVER AT SH 80 SW OF HELENA Map	12795	1901	13	SA	SA	RT									6	6			6	No Flow Possible Safety Issue, chlorophyll a/pheophytin
SAN ANTONIO RIVER AT CONQUISTA CROSSING 2.4 KM DOWNSTREAM OF FM 791 SW OF FALLS CITY Map	16580	1901	13	SA	SA	BS	2	2		2										BS samples will be collected along with RT events
SAN ANTONIO RIVER AT CONQUISTA CROSSING 2.4 KM DOWNSTREAM OF FM 791 SW OF FALLS CITY Map	16580	1901	13	SA	SA	RT									6	6	6		6	BOD will be analyzed. Chlorophyll a/pheophytin. Flow will be collected from USGS gage station 08183500, San Antonio River nr Falls City, TX
SAN ANTONIO RIVER AT NORTH RIVERDALE RD 15 KM WEST OF GOLIAD TEXAS Map	17859	1901	14	SA	SA	RT									6	52			52	Recreation Bacteria site. Chlorophyll a/pheophytin. Flow severity will be recorded. Flow estimate reported from USGS 08188500.
SAN ANTONIO RIVER IMMEDIATELY UPSTREAM OF US 181 0.5 KM SOUTHEAST OF FALLS CITY TEXAS Map	17862	1901	13	SA	SA	RT									6	6			6	No Flow Possible Safety Issue, chlorophyll a/pheophytin
ESCONDIDO CREEK AT KARNES CR 331 Map	18402	1901A	13	SA	SA	RT									6	6	6		6	Chlorophyll a/pheophytin
CABEZA CREEK AT FM 2043 1.6 KM UPSTREAM OF THE SAN ANTONIO RIVER CONFLUENCE 10.0 KM WEST OF GOLIAD TX Map	16992	1901B	14	SA	SA	RT										3	3		3	
Segment 1902 Lower Cibolo Creek Map																				
SANTA CLARA CREEK ON CR 315 SANTA CLARA RD NORTHWEST OF NEW BERLIN 2.19 KM 1.34 MI UPSTREAM OF THE CONFLUENCE WITH CIBOLO CREEK Map	12784	1902	13	SA	SA	RT									6	6	6		6	Chlorophyll a/pheophytin
CIBOLO CREEK AT FM 81 EAST OF PANNA MARIA Map	12797	1902	13	SA	SA	RT									6	6	6		6	Chlorophyll a/pheophytin
CIBOLO CREEK AT FM 541 WEST OF KOSCIUSKO Map	12802	1902	13	SA	SA	BS	2	2		2							2		2	
CIBOLO CREEK 28 METERS DOWNSTREAM FROM FM 537 ON WEST BANK 4 MI WEST OF SH 123 SOUTH OF STOCKDALE Map	12803	1902	13	WC	FO	RT									4	4	4		4	
CIBOLO CREEK AT FM 539 Map	12805	1902	13	SA	SA	RT					2				6	6	6		6	Chlorophyll a/pheophytin. Metals = total and dissolved.
CIBOLO CREEK AT SCULL CROSSING Map	14197	1902	13	SA	SA	BS	2	2		2										BS samples will be collected along with RT events
CIBOLO CREEK AT SCULL CROSSING Map	14197	1902	13	SA	SA	RT									6	6	6		6	Chlorophyll a/pheophytin
CIBOLO CREEK AT CR389 NEAR CESTOWHWA TEXAS Map	14211	1902	13	SA	SA	BS				2										
CIBOLO CREEK AT CR389 NEAR CESTOWHWA TEXAS Map	14211	1902	13	SA	SA	RT									6	52	52		52	BOD will be analyzed. River Recreation Bacteria Station, chlorophyll a/pheophytin
MARTINEZ CREEK ON NORTH GABLE ROAD SOUTH OF ZUEHL Map	12741	1902A	13	SA	SA	BS	2													BS samples will be collected along with RT events



Coordinated Monitoring Schedule

- Where CRP is monitoring
- Who is monitoring which sites
- How often we are monitoring



Coordinated Monitoring Schedule

- What we are monitoring for at each site:
 - 24 hr. dissolved oxygen
 - Habitat
 - Benthic macroinvertebrates
 - Nektons (fish communities)
 - Metals in water
 - Conventional
 - Bacteria
 - Flow
 - Field parameters



Contract Amendment #1

- Original contract: \$395,540
- Amendment: \$335,920
- Total amount: \$731,460

Approved



Budget Category	Cost for Work to be performed
Salary / Wages	\$434,027.56
Fringe Benefits	\$164,930.48
Travel	\$300.00
Supplies	\$29,279.61
Equipment	\$55,823.59
Other	\$3,696.00
Total Direct Costs	\$688,057.24
Indirect Costs	\$43,402.76
Total	731,460.00



Contact Amendment Equipment



Orion Star A214 Benchtop
Meter with an Ammonia
Probe

Thermo Scientific Dionex™
Integrion™ HPIC™ System



Quality Assurance Project Plan (QAPP) Amendment

- Draft QAPP Amendment was submitted to TCEQ May 27, 2022.
- Should become effective Sept. 1, 2022



Quality Assurance Project Plan (QAPP) Amendment

- Major Changes:
 - SARA will start sampling for dissolved metals at select stations.
 - Changes in stations
 - Staffing changes



Sampling



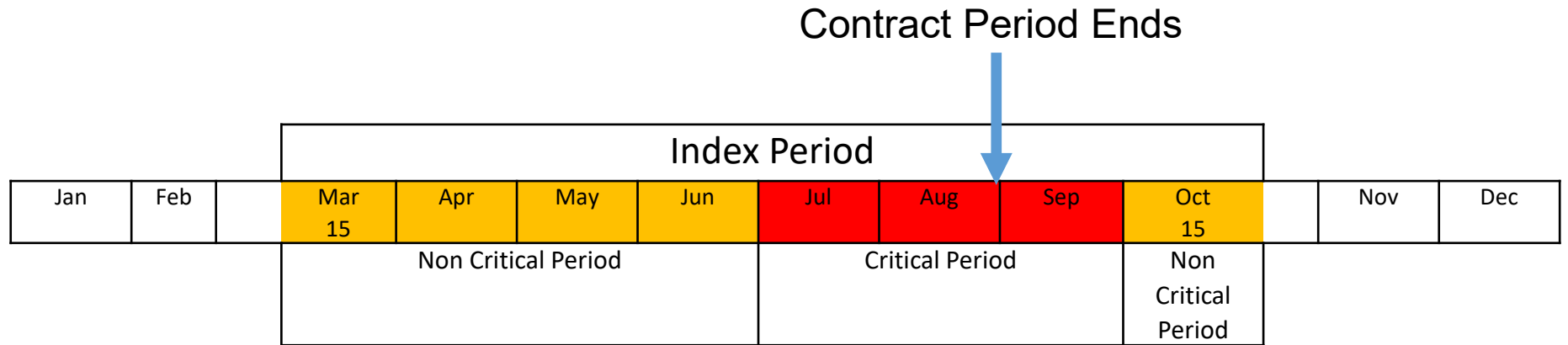
Committed to Safe, Clean, Enjoyable Creeks and Rivers.

Biological Season

Index Period													
Jan	Feb		Mar 15	Apr	May	Jun	Jul	Aug	Sep	Oct 15		Nov	Dec
Non Critical Period						Critical Period				Non Critical Period			



Biological Season



New Staff

- Rebecca Arcos: Hutton Scholar intern
- Enrique Flores: UIW lab intern
- Olivia Reves: Mike Gonzales memorial intern
- Madison Clay: ESD intern
- Caille Paulsen: Part time aquatic biologist
- Christa Edwards: Full time aquatic biologist



Questions?

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