



2025 Clean Rivers Program

CRP Stakeholder Meeting
April 18, 2025



Overview of the Clean Rivers Program



Overview

- The Texas Clean Rivers Program is statewide program to conduct monitoring, assessments and have stakeholder participation
- Administered by the Texas Commission on Environmental Quality (TCEQ)



The San Antonio River Basin Monitoring



Committed to Safe, Clean, Enjoyable Creeks and Rivers.

The San Antonio River Basin Monitoring

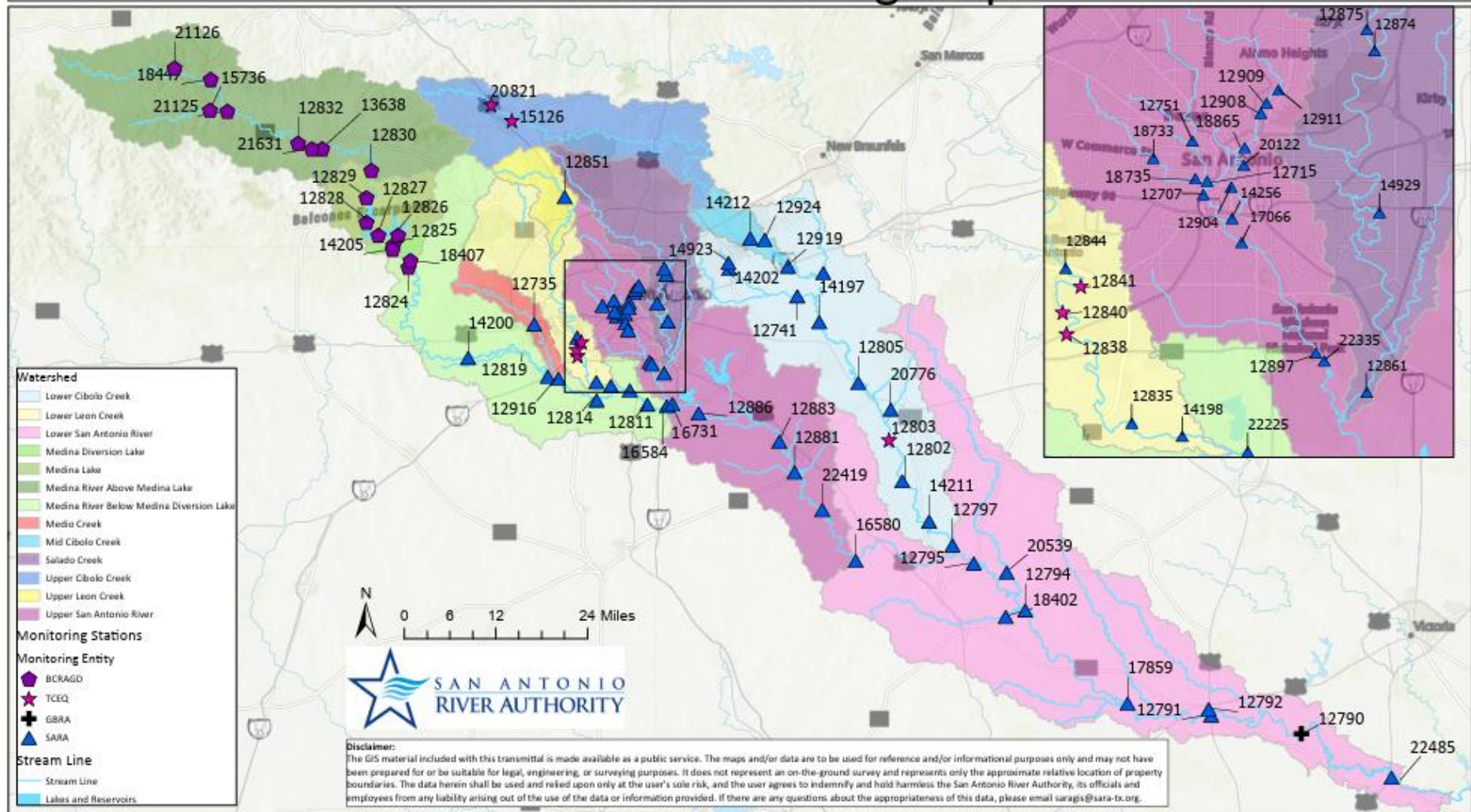


The San Antonio River Basin Monitoring



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FY 2025 Monitoring Map



Committed to Safe, Clean, Enjoyable Creeks and Rivers.

FY 25 Clean Rivers Program

Routine Monitoring

San Antonio River Authority	53 Sites
Bandera River Authority and Groundwater District	16 Sites
TCEQ (Local Office)	6 Sites
Guadalupe-Blanco River Authority	1 Site
Total	76 Sites



Clean Rivers Program Routine Monitoring

- Nitrate nitrogen
- Nitrite nitrogen
- Total phosphorus
- Total kjeldahl nitrogen
- Ammonia nitrogen
- Chlorophyll-a
- Pheophytin
- *E. coli* bacteria
- Sulfate
- Chloride
- BOD*
- TSS
- Total metals in water*
- Dissolved metals in water*
- Hardness*



Clean Rivers Program Field Monitoring

- Flow
- Temperature
- Specific conductivity
- Dissolved oxygen
- pH
- Secchi depth
- Field observations
 - Water color
 - Water odor
 - Present weather
 - Days since last precipitation



Clean Rivers Program

Seasonal (Biological) Sampling

Fish	14 sites	26 events
Benthic macro-invertebrates	6 sites	12 events
Aquatic habitat	14 sites	26 events
24 Hrs. dissolved oxygen, pH, conductivity, temperature	17 sites	32 events



Coordinated Monitoring Schedule

<https://cms.lcra.org/default.aspx>

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 is September 1-August 31)

2025



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

Basin 14 - Colorado River
Basin 15 - Colorado-Lavaca Coastal
Basin 16 - Lavaca River
Basin 17 - Lavaca-Guadalupe Coastal
Basin 18 - Guadalupe River
Basin 19 - San Antonio River
Basin 20 - San Antonio-Nueces Coastal
Basin 21 - Nueces River
Basin 22 - Nueces-Rio Grande Coastal
Basin 23 - Rio Grande
Basin 24 - Bays and Estuaries
Basin 25 - Gulf of Mexico

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



Texas Clean Rivers Program

- Provides quality assured data for use in decision making.
- Data:
 - TCEQ: <https://www80.tceq.texas.gov/SwqmisPublic/index.htm>
 - SARA website: www.sariverauthority.org
 - River Health
 - San Antonio River Watershed Water Quality Viewer



SARA Website

The screenshot displays the SARA (San Antonio River Authority) website interface. At the top left is the SARA logo, a stylized star with a blue wave. To its right is the text "SAN ANTONIO RIVER AUTHORITY". On the far right is a circular logo with "PEOPLE", "SUSTAINABILITY", and "PLANET" around a central "PROFIT" label. Below the logo is a navigation bar with icons for home, help, information, and a search bar. The main content area is divided into two columns. The left column contains filters: "by Counties" with a map of Bexar County and a "Download data by County" button, and "by Watersheds" with a map of the San Antonio River watershed and a "Download data by Watershed" button. The right column features a "Search by Station ID:" input field and a "Stations Map" showing a map of the San Antonio area with colored dots representing stations. A legend below the map indicates: Current (orange dot), Historic (blue dot), and Recreation (yellow dot). A sidebar on the right contains a list of filters: STATION, DESCRIPTION, SEGMENT, and WATERSHED. Below the sidebar is a button labeled "Select a station on the map". At the bottom of the page is a blue bar with the text "Counties: 9 Watersheds: 13 Stations: 272" and a "How Can I Help?" link. Below this bar is a footer with social media icons for Facebook, Twitter, LinkedIn, and YouTube.

Use filters below to help reduce the number of alternatives on the stations' map or search by station id on the right.

by Counties [Download data by County.](#)

by Watersheds [Download data by Watershed.](#)

Search by Station ID:

Stations Map

Current = Data Less than a year old, Historic = Older than one year, Recreation = Weekly Sampling

STATION

DESCRIPTION

Select a station on the map

SEGMENT

WATERSHED

Counties: 9 Watersheds: 13 Stations: 272

How Can I Help?

oft Power BI



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Station Name
Alazan Creek At Tampico St

Station ID
12715



Latitude: 29.413545 **Longitude:** -98.508363



Upstream



Downstream

Bacteria

Aquatic Community

Nutrients

Suspended and Dissolved Solids

MPN/100 mL

310

E. coli

18%

Bacteria Source Tracking
Human + Pet + Cattle

DID YOU KNOW?

Human, pet and cattle bacteria sources are the ones we can most easily prevent.

How much?

Primary and secondary recreation standards exceeded above 630 MPN/100 mL

Secondary Contact Recreation—up to 630 MPN/100ml

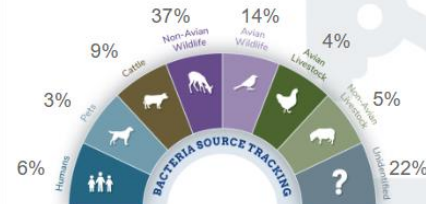
Primary Contact Recreation 2—up to 206 MPN per/100 ml

Primary Contact Recreation 1—up to 126 MPN per/ 100 ml

Last Sample: 29-Jan-25

Where does the bacteria come from?

Based on past studies in Bexar County



SARA Website

Download Station Details: [CSV](#)

Download Results: [CSV](#)

Filter

Station ID	End Date	End Time	End Depth	Sample Type	Source 1	Tag ID	Provisional	TEMPERATURE, WATER (DEGREES CENTIGRADE) Parameter No. 00010 <input checked="" type="checkbox"/>	FLOW STREAM, INSTANTANEOUS (CUBIC FEET PER SEC) Parameter No. 00061 <input checked="" type="checkbox"/>	TRANSPARENCY, SECCHI DISC (METERS) Parameter No. 00078 <input checked="" type="checkbox"/>	SPECIFIC CONDUCTANCE, FIELD (US/CM @ 25C) Parameter No. 00094 <input checked="" type="checkbox"/>
12715	<input checked="" type="checkbox"/> 01/29/2025	11:01	0.3	RT	SA	NST-AB50603	YES	13.9	0.6	> 1.2	530
12715	<input checked="" type="checkbox"/> 11/20/2024	12:17	0.3	RT	SA	SA27630	NO	19.4	0.7	> 1.2	422
12715	<input checked="" type="checkbox"/> 07/22/2024	10:12	0.3	RT	SA	SA27303	NO	28.6	0.0499	> 1.2	682
12715	<input checked="" type="checkbox"/> 05/09/2024	10:08	0.3	RT	SA	SA27097	NO	27.4	0.8	> 1.2	686
12715	<input checked="" type="checkbox"/> 03/05/2024	10:00	0.3	RT	SA	SA26966	NO	21.0	1.0	> 1.2	671
12715	<input checked="" type="checkbox"/> 01/30/2024	11:29	0.3	RT	SA	SA26893	NO	14.9	1.7	> 1.2	734

Filter

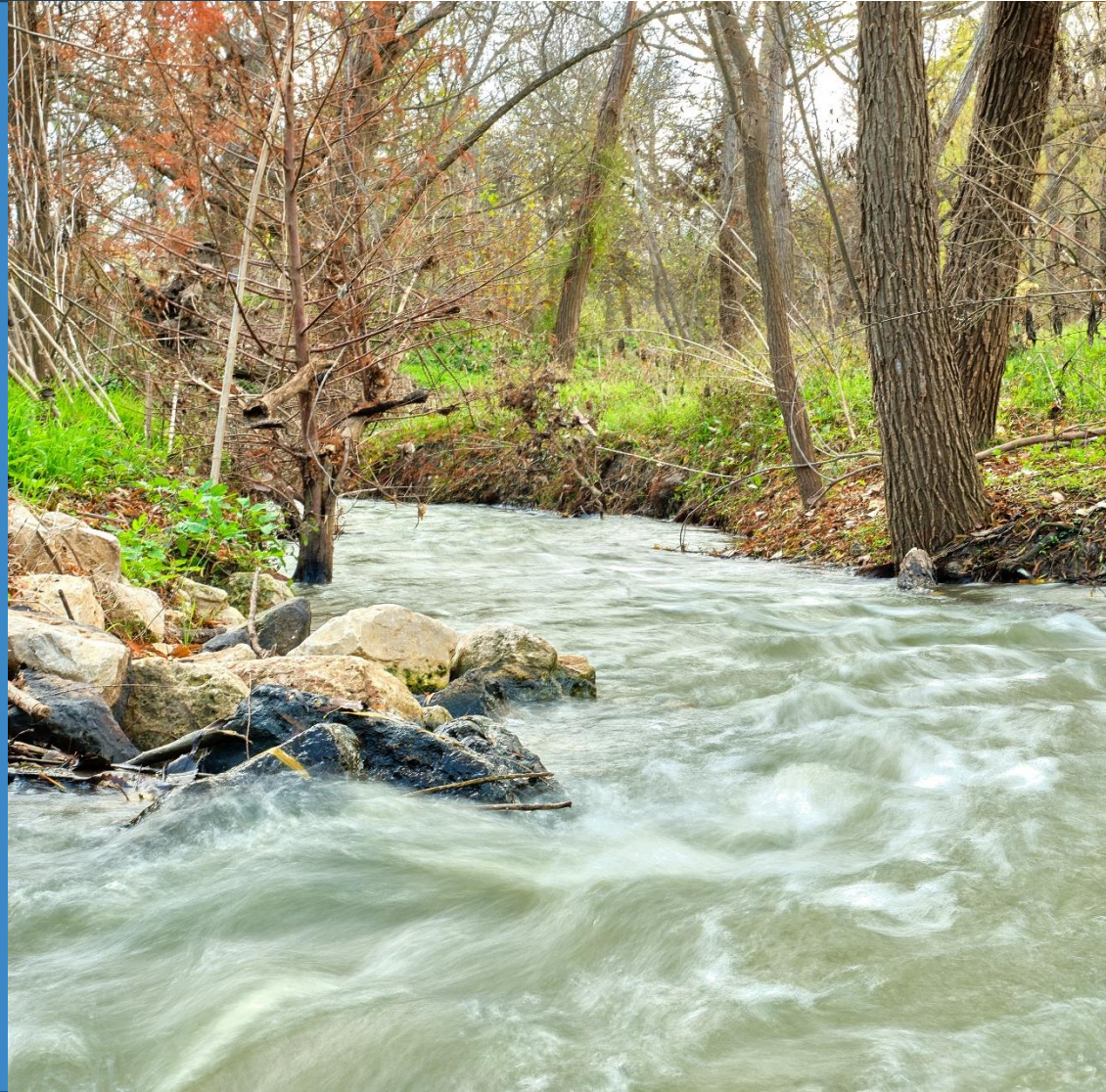


CRP Data

- The CRP data is used by TCEQ to generate the Texas Integrated Report every two years.
- This report is sent to EPA as required by the Federal Clean Water Act Sections 305(b) and 303(d).



Water Quality Objectives and Priorities



CRP Goal

- Maintain and improve the quality of water within each river basin in Texas through an ongoing partnership involving the TCEQ, river authorities, other agencies, regional entities, local and state governments, industry, and citizens.



CRP Objectives

- Provide quality-assured data
- Identify and evaluate water quality issues
- Promote cooperative watershed planning
- Recommend management strategies
- Inform and engage stakeholders
- Maintain efficient use of public funds



SARA's Priority

To provide timely, relevant and defensible data to decision makers and the public to support actions that improve and protect the water quality and ecology of the riverine environment.



Basin Specific Priorities?

- Parameters of concern?
- Special studies?
- Sampling stations?



Work Plan and Allocation of Resources



Workplan

- Task 1 - Project administration
- Task 2 - Quality assurance
- Task 3 - Water quality monitoring
- Task 4 - Data management
- Task 5 - Data analysis and reporting
- Task 6 - Stakeholder participation and public outreach



CRP Funding

- The program is funded by fees assessed on wastewater discharge permittees and water rights holders, TCEQ's appropriations and River Authority Resources.



Funding FY26-27

BUDGET CATEGORIES	FY 26 9/1/23 - 8/31/24	FY 27 9/1/24 – 8/31/25	Total
Personnel/Salary	\$142,814.00	\$142,814.00	\$285,629.00
Fringe Benefits (38% Salary)	\$58,553.74	\$58,553.74	\$117,107.48
Travel	\$1,421.00	\$1,421.00	\$2,842.00
Supplies	\$4,274.16	\$4,274.16	\$8,548.32
Equipment	-	-	-
Contractual	\$7,000.00	\$7,000.00	\$14,000.00
Other	-	-	-
Total Direct Costs	\$214,062.90	\$214,062.90	\$428,125.80
Indirect costs (10% Salary)	\$21,422.10	\$21,422.10	\$42,844.20
Total Reimbursable Costs	\$235,485.00	\$235,485.00	\$470,970.00



Draft 2025 Basin Highlights Report

Watershed Characterization for Cibolo Creek Watershed

2025 San Antonio River Basin Highlights Report

Watershed Characterization for Cibolo Creek Watershed



Outreach

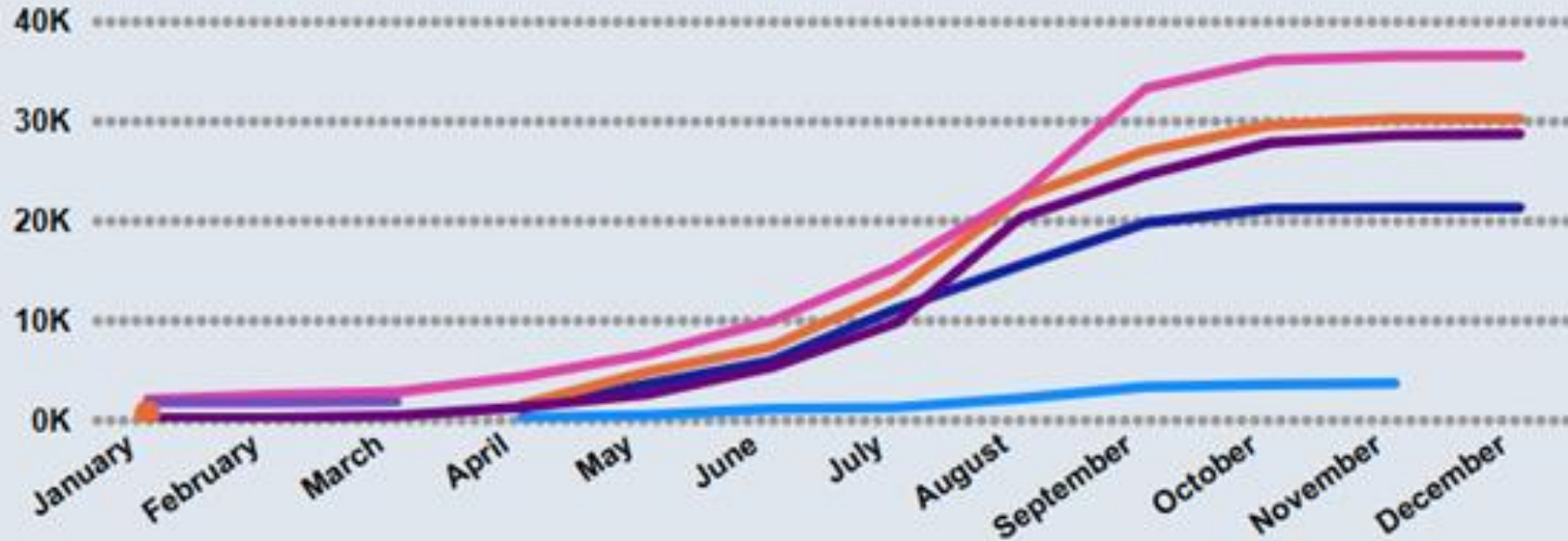


Outreach



Cumulative Adults & Clutches Removed

Year — 2020 — 2021 — 2022 — 2023 — 2024 — 2025



Non-CRP Outreach

- Hazardous waste pickup in lower basin
- Support STEM programs
- Park programs
- BioBlitz



Non-CRP Outreach

www.sariverauthority.org

PM
7

March 7 @ 3:00 pm - March 9 @ 11:00 am

Free Camping Weekend – Helton Nature Park

Helton Nature Park 15662 FM 775, Floresville, TX, United States

Come out to Helton Nature Park this weekend for FREE CAMPING! All campsite booking fees waived for this weekend. Free Camping at Helton Nature Park Friday, March 7th - Sunday.

FREE



PM
7

March 7 @ 6:30 pm - 8:30 pm

Canceled Campside Cinema at Helton Nature Park

Helton Nature Park 15662 FM 775, Floresville, TX, United States

FREE Event Campside Cinema at Helton Nature Park Enjoy a night under the stars with a free screening of a movie that will be determined at a later date, at

FREE



EST
8

March 8 @ 9:00 am - 12:00 pm

Household Hazardous Waste Event – Goliad County

Goliad Memorial Auditorium Parking Lot Auditorium Drive, Goliad, United States

Household Hazardous Waste Event - Goliad County March 8, 2025 9 am - 12 pm Goliad Memorial Auditorium 925 US-183, Goliad, TX 77963 Please refer to our what to bring

FREE



PM
14

March 14 @ 8:00 pm - 9:30 pm Friday Night Hikes

Friday Night Hikes – Jackson Nature Park

Jackson Nature Park 9204 County Road 401, Stockdale, United States

Join San Antonio River Authority staff on a nature hike to explore the nocturnal flora and fauna that San Antonio River Authority's nature-based parks call home. Learn about native plants.

FREE



EST
15

March 15 @ 9:00 am - 11:00 am

Fin Addict Fishing Clinic at Acequia Park

Acequia Park 8500 Mission Pkwy, San Antonio, TX, United States

FREE Fishing Lessons to the Public & NO FISHING LICENSE needed for this event! Join Fin Addict Angler Foundation and the San Antonio River Authority for an exhilarating morning of

FREE



PM
20

March 20 @ 8:00 am - March 22 @ 8:30 pm

2nd Annual San Antonio River Basin Bioblitz

Hendrick Arnold Nature Park 8950 Fishhugh Rd, San Antonio, United States

Join scientists from the San Antonio River Authority and partners to assist with biological surveys, observe flora and fauna and get a peek at this new park! March 20-22, 2025



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Questions?

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Thank You



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