

San Antonio Continuous Monitoring Network

Project Background:

The goal of the project is to determine baseline conditions continuously and then monitor for long term changes to water quality caused by increased development and urbanization. With continuous monitoring, the project will also be able to monitor short term impacts on water quality from discrete events, such as storms and accidental spills.



Project Description:

This collaborative effort will consist of locally sponsored sites which monitor for ambient surface water quality in several San Antonio River Basin streams undergoing light industrial development in Bexar County, Texas. The project was initiated in 2004. Parameters to be measured include flow, dissolved oxygen, specific conductance, pH, temperature, and turbidity. Precipitation may be added to some sites for the purpose of flood forecasting and modeling. All sites are operated by the USGS and sponsored by partners listed below.

Sites

[San Antonio River near Elmendorf:](#)

Sponsor(s): CPS Energy
San Antonio Water System

[Medina River near Macdona:](#)

Sponsor: Bexar Metropolitan Water District

[Medina River at San Antonio:](#)

Sponsor: San Antonio River Authority

[Leon Creek at IH 35 at San Antonio:](#)

Sponsor(s): City of San Antonio
San Antonio Metropolitan Health District- Public Center for Environmental Health

[Leon Creek at SH 90, San Antonio:](#)

Sponsor: San Antonio Metropolitan Health District- Public Center for Environmental Health

[San Antonio River at Witte Museum:](#)

Sponsor(s): H-E-B
TXI
Witte Museum