

Upper San Antonio River

Segment: 1911 San Antonio River Basin

Basin number: 19
Basin group: E
Water body description: From a point 600 meters (660 yards) downstream of FM 791 at Mays Crossing near Falls City in Karnes County to a point 100 meters (110 yards) upstream of Hildebrand Avenue at San Antonio in Bexar County
Water body classification: Classified
Water body type: Freshwater Stream
Water body length / area: 85 Miles
Water body uses: Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use

Standards Not Met in 2004				
Assessment Area	Use	Support Status	Parameter	Category
From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	Contact Recreation Use	Not Supporting	bacteria	5a
From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	Contact Recreation Use	Not Supporting	bacteria	5a
From confluence with Sixmile Creek to confluence with San Pedro Creek	Contact Recreation Use	Not Supporting	bacteria	5a
Upper 8 miles of segment	Contact Recreation Use	Not Supporting	bacteria	5a

Standards Not Met and Concerns in Previous Years				
Assessment Area	Use	Support Status or Concern	Parameter	Category
From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	Contact Recreation Use	Not Supporting	bacteria	5a

Additional Information: The aquatic life, fish consumption and general uses are fully supported.

2004 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
From 2 miles downstream of confluence with Medina River to confluence	Contact Recreation Use	Use Concern	bacteria
From 2 miles downstream of confluence with Medina River to confluence	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen

<p>2004 Concerns:</p> <p>Assessment Area</p>	<p>Use or Concern</p>	<p>Concern Status</p>	<p>Description of Concern</p>
From 2 miles downstream of confluence with Medina River to confluence	Nutrient Enrichment Concern	Concern	orthophosphorus
From 2 miles downstream of confluence with Medina River to confluence	Nutrient Enrichment Concern	Concern	total phosphorus
From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	Contact Recreation Use	Use Concern-Limited Data	bacteria
From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
From 6 miles upstream of lower end of segment to confluence with Picoso Cr	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
From 6 miles upstream of lower end of segment to confluence with Picoso Cr	Nutrient Enrichment Concern	Concern	orthophosphorus
From 6 miles upstream of lower end of segment to confluence with Picoso Cr	Nutrient Enrichment Concern	Concern	total phosphorus
From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	Nutrient Enrichment Concern	Concern	orthophosphorus
From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	Nutrient Enrichment Concern	Concern	total phosphorus
From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	Nutrient Enrichment Concern	Concern	orthophosphorus
From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	Nutrient Enrichment Concern	Concern	total phosphorus
From confluence with Picoso Creek to approx. 2.5 miles upstream of FM 528	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
From confluence with Picoso Creek to approx. 2.5 miles upstream of FM 528	Nutrient Enrichment Concern	Concern	orthophosphorus
From confluence with Picoso Creek to approx. 2.5 miles upstream of FM 528	Nutrient Enrichment Concern	Concern	total phosphorus
From the confluence with the Medina River to 3 miles upstream	Nutrient Enrichment Concern	Concern	ammonia
From the confluence with the Medina River to 3 miles upstream	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen

(-based on data from 03/01/1998 to 02/28/2003)

2004 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
From the confluence with the Medina River to 3 miles upstream	Nutrient Enrichment Concern	Concern	orthophosphorus
From the confluence with the Medina River to 3 miles upstream	Nutrient Enrichment Concern	Concern	total phosphorus
Lower 6 miles of segment	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
Lower 6 miles of segment	Nutrient Enrichment Concern	Concern	orthophosphorus
Lower 6 miles of segment	Nutrient Enrichment Concern	Concern	total phosphorus

Monitoring sites used:		
Assessment Area	Station ID	Station Description
From 2 miles downstream of confluence with Medina River to confluence	12889	SAN ANTONIO RIVER AT IH 37 SE OF SAN ANTONIO
From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	12894	SAN ANTONIO RIVER AT BLUE WING RD. SE OF SAN ANTONIO
From 6 miles upstream of lower end of segment to confluence with Picoa Cr	12880	SAN ANTONIO RIVER AT FM 541 NEAR POTH
From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	12886	SAN ANTONIO RIVER AT FM 1604 WEST OF ELMENDORF
From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	12883	SAN ANTONIO RIVER AT DIETZ RD NW OF FLORESVILLE
From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	12884	SAN ANTONIO RIVER AT LABATT RD BRIDGE SE OF CALAVERAS
From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	12885	SAN ANTONIO RIVER AT COUNTY RD NEAR CALAVERAS
From confluence with Picoa Creek to approx. 2.5 miles upstream of FM 528	12881	SAN ANTONIO RIVER AT SH 97 NEAR FLORESVILLE
From confluence with Picoa Creek to approx. 2.5 miles upstream of FM 528	12882	SAN ANTONIO RIVER AT FM536 IN FLORESVILLE, TEXAS
From confluence with Salado Creek to confluence with Sixmile Creek	12897	SAN ANTONIO RIVER AT IH 410, LOW WATER CROSSING CAMINO COAHUILATECHAN, 0.25 KM BELOW THE BRIDGE IN SAN ANTONIO
From confluence with Sixmile Creek to confluence with San Pedro Creek	12902	SAN ANTONIO RIVER AT MISSION DAM IN SAN ANTONIO
From confluence with Sixmile Creek to confluence with San Pedro Creek	15308	SAN ANTONIO RIVER 220M UPSTREAM OF AGE REFINING (PERMIT #0002921) ALONG PADRE RD, 700M DOWNSTREAM OF LOOP 13 (MILITARY HWY)
From confluence with Sixmile Creek to confluence with San Pedro Creek	15309	SAN ANTONIO R. 100M UPSTM OF GROUNDWATER OIL SEP. AT AGE REFINING (PERMIT #0002921) ALONG PADRE RD, 1 KM DWNSTM OF LOOP 13 MILITARY HWY
From confluence with Sixmile Creek to confluence with San Pedro Creek	15310	SAN ANTONIO RIVER 30M UPSTREAM FROM BROOKS AFB DISCHARGE (PERMIT# 0003830) ALONG PADRE RD, 1.2 KM DOWNSTREAM OF LOOP 13 (MILITARY HWY)

Monitoring sites used:		
Assessment Area	Station ID	Station Description
From confluence with Sixmile Creek to confluence with San Pedro Creek	15311	SAN ANTONIO RIVER 100M DOWNSTREAM FROM BROOKS AFB DSCHG. (PERMIT# 0003830) ALONG PADRE RD, 1.3 KM DOWNSTREAM OF LOOP 13 (MILITARY HWY)
From confluence with Sixmile Creek to confluence with San Pedro Creek	17066	SAN ANTONIO RIVER 3.2KM DOWNSTREAM OF THE SAN ANTONIO RIVER/SAN PEDRO CREEK CONFLUENCE IN SOUTH CENTRAL SAN ANTONIO, TX
From the confluence with the Medina River to 3 miles upstream	12890	SAN ANTONIO RIVER JUST ABOVE CONFLUENCE WITH MEDINA RIVER
From the confluence with the Medina River to 3 miles upstream	16731	SAN ANTONIO RIVER APPROX .6MI UPSTREAM OF THE MEDINA RIVER CONFLUENCE
Lower 6 miles of segment	12879	SAN ANTONIO RIVER AT FM 791 SW OF FALLS CITY
Upper 8 miles of segment	12904	SAN ANTONIO RIVER AT ALAMO ST. IN SAN ANTONIO
Upper 8 miles of segment	12908	SAN ANTONIO RIVER AT WOODLAWN AVE. IN SAN ANTONIO
Upper 8 miles of segment	12910	SAN ANTONIO RIVER AT WELL NO. 3 IN SAN ANTONIO PARK
Upper 8 miles of segment	12912	SAN ANTONIO RIVER AT HILDEBRAND ST. IN SAN ANTONIO
Upper 8 miles of segment	14220	SAN ANTONIO RIVER AT LONE STAR BLVD, SAN ANTONIO, TX
Upper 8 miles of segment	14221	SAN ANTONIO RIVER AT NUEVA ST., SAN ANTONIO, TX
Upper 8 miles of segment	14222	SAN ANTONIO RIVER AT NAVARRO ST. NEAR LA VILLITA, SAN ANTONIO, TX
Upper 8 miles of segment	14225	SAN ANTONIO RIVER AT GRAYSON ST., SAN ANTONIO, TX
Upper 8 miles of segment	14256	SAN ANTONIO RIVER AT MITCHELL ST. IN DOWNTOWN SAN ANTONIO

Published studies:		
Publication	Date	Author
IMS 30 San Antonio River	Sept. 1975	Twidwell, S.
IS 59 San Antonio River	June 1983	Twidwell, S.
IS 64 San Antonio River	July 1981	Davis, J.
IS 72 San Antonio River	July 1984	Twidwell, S.
IS 87-04 San Antonio River	June 1984	Twidwell, S.
LP 89-07 San Antonio River	July 1984	Davis, J.

Historical fish kills:			
Date	Location	Fish Killed	Suspected Cause
3/3/1996	San Antonio River	298	Temperature
4/24/1996	San Antonio River	5044	Low Dissolved Oxygen
8/22/1997	IH-35 from Austin, exit Austin St., follow to Comal St. and San Antonio River	1	Unknown
5/29/1998	San Antonio River walk, downtown San Antonio	1	Low Dissolved Oxygen