

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

Report Abbreviations	Description:		
<b>SEGID:</b>	Unique Segment identification alpha-numeric code; can be stream, reservoir, estuary, oyster waters, beach watch, etc.		
<b>AUID:</b>	Unique Assessment Unit code; this is a portion of the segment the AUID begins with and ends with _01, _02, etc. Some AUIDs are special units ending in "SA," or oyster water AUIDs are indicated by "OW" and beach watch AUIDs are indicated by abbreviations for name of beach in AUID.		
<b>ASMT Start Date:</b>	The start date of the period of record data for this method was selected; the official 2020 period of record is from 12/1/2011 to 11/30/2018. Assessors have the option of going back 10 years (12/1/2008) to select more data, according to assessment guidance.		
<b>ASMT End Date:</b>	The end date of the period of record data for this method was selected; the official 2020 period of record dates are 12/1/2011 to 11/30/2018. Assessors have the option of including more recently collected data than 12/01/2018, if available.		
<b># Assd:</b>	Number of samples assessed; some data are averaged, as with profile data, some are eliminated because criteria do not apply during certain conditions such as a low flow.		
<b>Mean Assd:</b>	Mean of samples assessed; includes averaged methods like chronic criteria as well as geometric mean calculations for bacteria.		
<b># Exceed:</b>	The number of samples that exceed criteria for single sample, or binomial, methods (not averaged data).		
<b>Mean Exceed:</b>	This is the mean of the samples that exceeded criteria for the single sample, or binomial, methods (not averaged data).		
<b>Criteria:</b>	Value that the data is compared against to determine level of support; Note: for acute metals in water, each value is compared to a calculated criterion and not all criteria could be reported here, only the minimum in the range of criteria calculated are included.		
<b>DS Qual:</b>	<p><i>Dataset Qualifier - indicates sample sizes:</i></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <b>AD</b> = Adequate Data (10 or more samples)  <b>LD</b> = Limited Data (less than 9, greater than 3)  <b>ID</b> = Inadequate Data (less than 4)  <b>JQ</b> = Level of support is based on judgment of the assessor  <b>SM</b> = This assessment method is superseded by another method                 </td> <td style="width: 50%; vertical-align: top;"> <b>TR</b> = Temporally Not Representative, used with NA  <b>SR</b> = Spatially Not Representative, used with NA  <b>OE</b> = Other information than ambient samples evaluated  <b>OS</b> = Assessment area outside state boundaries                 </td> </tr> </table>	<b>AD</b> = Adequate Data (10 or more samples) <b>LD</b> = Limited Data (less than 9, greater than 3) <b>ID</b> = Inadequate Data (less than 4) <b>JQ</b> = Level of support is based on judgment of the assessor <b>SM</b> = This assessment method is superseded by another method	<b>TR</b> = Temporally Not Representative, used with NA <b>SR</b> = Spatially Not Representative, used with NA <b>OE</b> = Other information than ambient samples evaluated <b>OS</b> = Assessment area outside state boundaries
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<b>LOS:</b>	<p><i>Level of support for this use, method, assessment parameter:</i></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <b>FS</b> = Fully Supporting  <b>NC</b> = No Concern  <b>NA</b> = Not Assessed                 </td> <td style="width: 50%; vertical-align: top;"> <b>NS</b> = Nonsupport  <b>CS</b> = Screening Level Concern  <b>CN</b> = Use Concern                 </td> </tr> </table>	<b>FS</b> = Fully Supporting <b>NC</b> = No Concern <b>NA</b> = Not Assessed	<b>NS</b> = Nonsupport <b>CS</b> = Screening Level Concern <b>CN</b> = Use Concern
<b>FS</b> = Fully Supporting <b>NC</b> = No Concern <b>NA</b> = Not Assessed	<b>NS</b> = Nonsupport <b>CS</b> = Screening Level Concern <b>CN</b> = Use Concern		
<b>CF:</b>	Carry forward indicator check box: indicates that the Integrated level of support of CS, CN, or NS was carried forward from a previous assessment due to inadequate data for this method in this assessment.		
<b>Int LOS:</b>	Integrated level of support. This is the overall level of support for this use, method, parameter group, which could be different from the LOS (described above) due to carry forward information or other types of changes. New Code added in 2010: PI = Pending Issue		
<b>TCEQ Cause:</b>	This is the impairment description (e.g., bacteria, depressed dissolved oxygen, etc.)		
<b>Cat:</b>	<p><b>Category 3:</b> Insufficient or no data and information to determine if standard is attained</p> <p><b>Category 4:</b> Standard is not attained or nonattainment is predicted in the near future due to one or more parameters, but no TMDLs are required.</p> <p style="margin-left: 20px;"> <b>4a</b> - All TMDLs have been completed and approved by EPA.  <b>4b</b> - Other pollution control requirements are reasonably expected to result in the attainment of the water quality standard in the near future.  <b>4c</b> - Nonattainment of the standard for one or more parameters is shown to be caused by pollution, not by pollutants and that the water quality conditions cannot be changed by the allocation and control of pollutants through the TMDL process.                 </p> <p><b>Category 5:</b> Standard is not attained or nonattainment is predicted in the near future for one or more parameters.</p> <p style="margin-left: 20px;"> <b>5a</b> - TMDLs are underway, scheduled, or may be scheduled for one or more parameters.  <b>5b</b> - review of the standards for one or more parameters will be conducted before a management strategy is selected, including a possible revision to the water quality standards.  <b>5c</b> - Additional data or information will be collected and/or evaluated for one or more parameters before a management strategy is selected.                 </p>		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1901**

**Lower San Antonio River**

**AUID: 1901\_01**

25 mi downstream of the confluence with Manahuilla Creek

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	83		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	83		1	3.70	AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	83	126.58	1		AD	CN	<input type="checkbox"/>	CN	Bacteria in water	

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	180	445	124.55	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	140	445	92.36	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	463	660.73	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	83		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	83		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	42		2	0.53	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	81		20	42.96	AD	CS	<input type="checkbox"/>	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	83		82	6.97	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	83		57	1.05	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	83		3	33.57	AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1901\_02      25 mi upstream of Manahuilla Creek

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	5	0		SM	FS	<input type="checkbox"/>	NA			
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	5	0		SM	NC	<input type="checkbox"/>	NA			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	49	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	49	0		AD	NC	<input type="checkbox"/>	NC			
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	42	7	38		TR	CN	<input checked="" type="checkbox"/>	NS	Impaired fish community in water	5c	
Habitat	Habitat	12/01/11 - 11/30/18	20	7	17		TR	CS	<input type="checkbox"/>	CS	Impaired habitat in water		
Toxic Substances in sediment	Antimony	12/01/11 - 11/30/18	12	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	4	0		LD	NC	<input type="checkbox"/>	NC			

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	354	183.89	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	4a

## 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1901\_02      25 mi upstream of Manahuilla Creek

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	180	445	124.55	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	140	445	92.36	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	463	660.73	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	49		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	49		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	53		1	0.49	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	42		9	25.78	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	53		52	8.39	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	53		38	1.20	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	49		1	32.70	AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1901\_03 From 25 mi upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	97		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	97		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	100	149.00	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	4a

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	180	445	124.55	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	140	445	92.36	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	463	660.73	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	100		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	100		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	100		2	0.37	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	75		3	20.67	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	100		97	8.63	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	100		79	1.12	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	100		0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1901\_04      9 mi downstream of Escondido Creek

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	47		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	47		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	51	188.08	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	4a

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	180	445	124.55	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	140	445	92.36	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	463	660.73	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	49		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	49		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	51		1	0.34	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	39		2	17.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	51		49	9.59	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	51		44	1.18	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	49		0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1901\_05 From upstream end of segment to Escondido Creek

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	9	0		SM	NC	<input type="checkbox"/>	NA			
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	9	0		SM	NC	<input type="checkbox"/>	NA			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	152	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	152	1	4.50	AD	NC	<input type="checkbox"/>	NC			
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	42	9	38		AD	CN	<input type="checkbox"/>	CN	Impaired fish community in water		
Habitat	Habitat	12/01/11 - 11/30/18	20	9	21		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Antimony	12/01/11 - 11/30/18	12	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	4	0		LD	NC	<input type="checkbox"/>	NC			

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	152	97.99	0	AD	FS	<input type="checkbox"/>	FS			

## 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1901\_05 From upstream end of segment to Escondido Creek

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>			<b>Int LOS</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>AD</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Dissolved Solids	Chloride	12/01/11 - 11/30/18	180	445	124.55	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	140	445	92.36	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	463	660.73	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	157		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	157		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	152		2	0.40	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	116		2	18.50	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	152		149	10.62	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	152		131	1.27	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	157		0		AD	FS	<input type="checkbox"/>	FS		



# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1901\_06 Lower 31 mi of segment

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	7		0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	7		0		LD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	7	53.17	0		LD	NC	<input type="checkbox"/>	NC		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	180	445	124.55	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	140	445	92.36	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	463	660.73	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	7		0		LD	NC	<input type="checkbox"/>	NC		
Low pH	pH	12/01/11 - 11/30/18	6.50	7		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	7		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10					ID	NA	<input checked="" type="checkbox"/>	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	7		7	7.18	LD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	7		7	1.18	LD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	7		0		LD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1901A**      **Escondido Creek**

**AUID: 1901A\_01**      From the confluence with Lower San Antonio River upstream to the confluence with Nichols Creek in Kenedy

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	50	1    1.30	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	50	3    3.33	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	51    783.96	1	AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	52	6    4.38	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	40	2    16.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	51	42    13.59	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	52	50    2.32	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1901B Cabeza Creek**

**AUID: 1901B\_01** From the confluence with segment 1901, west of Goliad, Goliad County, up to the upper end of the water body (NHD RC 12100303000882)

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	1.50	14	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	14	1 1.70	AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126			ID	NA	<input checked="" type="checkbox"/>	NS	Bacteria in water	5c

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1901E      Manahuilla Creek**

**AUID: 1901E\_01**      From the confluence with the Lower San Antonio River upstream to the headwaters southeast of Nordheim in DeWitt County

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126			ID	NA	<input checked="" type="checkbox"/>	CN	Bacteria in water	

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1901F**

**Ecletto Creek**

**AUID: 1901F\_01** From the confluence with the Lower San Antonio River upstream to the headwaters adjacent to SH 123 south of Seguin in Guadalupe County

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	3	2		0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	2	2		1	1.40	ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	36		6	1.12	AD	NS	<input type="checkbox"/>	NS	Depressed dissolved oxygen in water	5c
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	36		12	1.84	AD	CS	<input type="checkbox"/>	CS	Depressed dissolved oxygen in water	

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	37	163.90	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	37		2	1.41	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	37		14	34.71	AD	CS	<input type="checkbox"/>	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	36		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	37		0		AD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1902**

**Lower Cibolo Creek**

**AUID: 1902\_01**

From the confluence with the Lower San Antonio River in Karnes County upstream to the confluence with Mulifest Creek

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	84		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	84		1	4.70	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Antimony	12/01/11 - 11/30/18	12	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	4		0		LD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	83	178.03	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

## 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1902\_01

From the confluence with the Lower San Antonio River in Karnes County upstream to the confluence with Mulifest Creek

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	170	249	91.43	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	275	249	103.97	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	900	317	582.71	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	86		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	86		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	84		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	42		2	40.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	82		9	2.56	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	84		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	84		0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1902\_02 From the confluence with Mulifest Creek upstream to the confluence with Pulaski Creek

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	4		0		SM	NC	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	4		0		SM	NC	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	66		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	66		0		AD	NC	<input type="checkbox"/>	NC		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	42	4	45			AD	FS	<input type="checkbox"/>	FS		
Habitat	Habitat	12/01/11 - 11/30/18	20	4	20			AD	NC	<input type="checkbox"/>	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	30	2	29			AD	NS	<input type="checkbox"/>	CN	Impaired macrobenthic community in water	

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	385	225.35	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	170	249	91.43	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	275	249	103.97	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	900	317	582.71	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	66		1	9.30	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	66		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	50		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	35		1	15.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	50		7	3.09	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	50		1	0.78	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	67		0		AD	FS	<input type="checkbox"/>	FS		



# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1902\_03 From the confluence with Pulaski Creek upstream to the confluence with Clifton Branch

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	6	0		SM	NC	<input type="checkbox"/>	NA			
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	6	0		SM	NC	<input type="checkbox"/>	NA			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	57	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	57	0		AD	NC	<input type="checkbox"/>	NC			
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	42	6	43		AD	FS	<input type="checkbox"/>	FS			
Habitat	Habitat	12/01/11 - 11/30/18	20	6	19		AD	CS	<input type="checkbox"/>	CS	Impaired habitat in water		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	53	151.38	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/11 - 11/30/18	170	249	91.43	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	275	249	103.97	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	900	317	582.71	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	59		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	59		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	23		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	26		8	2.98	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	24		2	0.73	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	59		0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1902\_04 From the confluence with Clifton Branch upstream to the confluence with Elm Creek

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	56		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	56		1	4.50	AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	56	122.22	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	170	249	91.43	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	275	249	103.97	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	900	317	582.71	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	57		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	57		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	44		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	34		2	47.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	42		28	3.43	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	42		23	0.86	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	54		0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1902\_05

From the confluence with Elm Creek upstream to a point 100 meters (110 yards) downstream of IH 10 in Bexar/Guadalupe County

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	4		0	SM	NC	<input type="checkbox"/>	NA			
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	4		0	SM	NC	<input type="checkbox"/>	NA			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	45		0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	45		0	AD	NC	<input type="checkbox"/>	NC			
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	41	4	45		TR	NC	<input type="checkbox"/>	NC			
Habitat	Habitat	12/01/11 - 11/30/18	20	4	21		TR	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Antimony	12/01/11 - 11/30/18	12	4		0	LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	4		0	LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	4		0	LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	4		0	LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	4		0	LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	4		0	LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	4		0	LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	4		0	LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	4		0	LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	4		0	LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	4		0	LD	NC	<input type="checkbox"/>	NC			

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	46	133.57	1	AD	CN	<input type="checkbox"/>	CN	Bacteria in water		

## 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1902\_05

From the confluence with Elm Creek upstream to a point 100 meters (110 yards) downstream of IH 10 in Bexar/Guadalupe County

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	170	249	91.43	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	275	249	103.97	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	900	317	582.71	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	46		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	46		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	46		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	45		4	35.50	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	45		27	3.86	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	46		32	1.05	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	44		0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1902A**

**Martinez Creek**

**AUID: 1902A\_01** From the confluence with Lower Cibolo Creek upstream to the confluence with Salitrillo Creek

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	6	0		SM	NC	<input type="checkbox"/>	NA			
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	6	0		SM	NC	<input type="checkbox"/>	NA			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	44	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	44	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Antimony	12/01/11 - 11/30/18	12	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	4	0		LD	NC	<input type="checkbox"/>	NC			

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	46	465.72	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1902A\_01 From the confluence with Lower Cibolo Creek upstream to the confluence with Salitrillo Creek

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	46		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	46		7	2.52	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	46		40	1.38	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	

## 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1902A\_03 From the confluence with Escondido Creek upstream to the Martinez II WWTP outfall approximately 1.1 km downstream of FM 1516

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126			ID	NA	<input checked="" type="checkbox"/>	CN	Bacteria in water	

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95			ID	NA	<input checked="" type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69			ID	NA	<input checked="" type="checkbox"/>	CS	Total Phosphorus in water	

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1902A\_04 From the Martinez II WWTP outfall approximately 1.1 km downstream of FM 1516 upstream to Binz-Engleman Road

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126					ID	NA	<input checked="" type="checkbox"/>	CN	Bacteria in water	

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95					ID	NA	<input checked="" type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69					ID	NA	<input checked="" type="checkbox"/>	CS	Total Phosphorus in water	



# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1902B**      **Salitrillo Creek**

**AUID: 1902B\_01**      From the confluence with Martinez Creek to FM 78 in Converse

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	85		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	85		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	85	37.56	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	85		26	1.05	AD	CS	<input type="checkbox"/>	CS	Ammonia in water	
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	35		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	85		50	4.11	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	85		85	2.67	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1902C**

**Clifton Branch**

**AUID: 1902C\_01** From the confluence of Lower Cibolo Creek upstream to the headwater 0.6 mi upstream of Wilson CR 424 north of Stockdale

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	3	8	4 1.65	LD	NS	☐	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	2	8	7 1.19	LD	NS	☐	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	84	15 1.33	AD	NS	☐	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	84	26 1.79	AD	CS	☐	CS	Depressed dissolved oxygen in water	

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	79 187.89	1	AD	NS	☐	NS	Bacteria in water	5c

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	82	19 0.79	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	82	0	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	84	25 1.06	AD	CS	☐	CS	Total Phosphorus in water	

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1902D Alum Creek**

**AUID: 1902D\_01** From the confluence with Lower Cibolo Creek upstream to approximately 1.8 km upstream of Wilson CR 429 north of Stockdale

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	1.50	11	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	11	0	AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	12 0.84	0	LD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1903**

**Medina River Below Medina Diversion Lake**

**AUID: 1903\_01**

From the confluence with the San Antonio River upstream to the confluence with Palo Blanco Creek approximately 2.0 km upstream of FM 1937

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	34		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	34		0		AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	33	160.38	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	120	210	68.42	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	120	211	81.08	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	700	215	515.71	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	34		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	34		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	34		6	0.66	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	34		1	16.80	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	34		33	10.33	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	32		28	1.48	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	34		0		AD	FS	<input type="checkbox"/>	FS		

**Domestic Water Supply Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	24	0.41	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	211	5.01	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1903\_02

From the confluence with Palo Blanco Creek approximately 2.0 km upstream of FM 1937 upstream to the confluence with Lower Leon Creek

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	35		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	35		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	55	199.59	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	120	210	68.42	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	120	211	81.08	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	700	215	515.71	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	35		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	35		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	55		10	0.82	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	54		1	62.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	55		54	9.59	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	55		45	1.75	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	35		0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	24	0.41	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	211	5.01	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1903\_03 From the confluence with Lower Leon Creek upstream to the confluence with Medio Creek

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	38		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	38		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Antimony	12/01/11 - 11/30/18	12	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	4		0		LD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	38	216.74	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1903\_03 From the confluence with Lower Leon Creek upstream to the confluence with Medio Creek

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>	<b>LOS</b>	<b>CF</b>	<b>Int LOS</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>						
Dissolved Solids	Chloride	12/01/11 - 11/30/18	120	210	68.42	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	120	211	81.08	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	700	215	515.71	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	38		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	38		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	38		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	31		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	38		21	3.19	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	38		4	0.89	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	38		0		AD	FS	<input type="checkbox"/>	FS		
<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>	<b>LOS</b>	<b>CF</b>	<b>Int LOS</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>						
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	24	0.41	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	211	5.01	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1903\_04

From the confluence with Medio Creek upstream to the confluence with Polecat Creek approximately 125 m upstream of FM 1604

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	9		0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	9		0		LD	NC	<input type="checkbox"/>	NC		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	41	7	46			AD	FS	<input type="checkbox"/>	FS		
Habitat	Habitat	12/01/11 - 11/30/18	20	7	24			AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	21	50.40	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	120	210	68.42	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	120	211	81.08	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	700	215	515.71	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	9		0		LD	NC	<input type="checkbox"/>	NC		
Low pH	pH	12/01/11 - 11/30/18	6.50	9		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	24		11	2.81	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	24		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	9		0		LD	NC	<input type="checkbox"/>	NC		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	24	0.41	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	211	5.01	0		AD	FS	<input type="checkbox"/>	FS		



# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1903\_05

From the confluence with Polecat Creek approximately 125 m upstream of FM 1604 upstream to the Medina Diversion Dam

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	7	0		SM	NC	<input type="checkbox"/>	NA			
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	7	0		SM	NC	<input type="checkbox"/>	NA			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	62	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	62	4	4.53	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Antimony	12/01/11 - 11/30/18	12	5	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	5	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	5	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	5	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	5	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	5	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	5	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	5	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	5	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	5	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	5	0		LD	NC	<input type="checkbox"/>	NC			

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	63	52.23	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1903\_05

From the confluence with Polecat Creek approximately 125 m upstream of FM 1604 upstream to the Medina Diversion Dam

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Dissolved Solids	Chloride	12/01/11 - 11/30/18	120	210	68.42	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	120	211	81.08	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	700	215	515.71	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	62		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	62		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	65		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	64		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	65		10	2.85	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	64		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	62		0		AD	FS	<input type="checkbox"/>	FS		
<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	24	0.41	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	211	5.01	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1904**

**Medina Lake**

**AUID: 1904\_01**

Lower portion, from dam west to Masterson Point and east to Reuters Cove

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	19		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	19		0		AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	18	1.24	0		LD	NC	<input type="checkbox"/>	NC		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	80	46	12.18	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	46	54.25	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	350	46	273.03	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	19		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	19		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	31.10	19		0		AD	FS	<input type="checkbox"/>	FS		

**Domestic Water Supply Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	1	0.13	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	43	0.05	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1904\_02      Part of lake extending upstream from Brushy Creek to upper end of segment

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	9		0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	9		0		LD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	9	5.73	0		LD	NC	<input type="checkbox"/>	NC		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	80	46	12.18	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	46	54.25	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	350	46	273.03	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	9		0		LD	NC	<input type="checkbox"/>	NC		
Low pH	pH	12/01/11 - 11/30/18	6.50	9		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	31.10	9		0		LD	NC	<input type="checkbox"/>	NC		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	1	0.13	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	43	0.05	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1904\_03      Remainder of segment

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	18		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	18		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	18	0.82	0		LD	NC	<input type="checkbox"/>	NC		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	80	46	12.18	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	46	54.25	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	350	46	273.03	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	18		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	18		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	31.10	18		0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	1	0.13	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	43	0.05	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1905**

**Medina River Above Medina Lake**

**AUID: 1905\_01**

From a point immediately upstream of the confluence of Red Bluff Creek upstream to RM 470

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	6	10	0		TR	NC	<input type="checkbox"/>	NA				
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	4	10	0		TR	NC	<input type="checkbox"/>	NA				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	64	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	64	1	5.90	AD	NC	<input type="checkbox"/>	NC				
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	52	8	52		AD	FS	<input type="checkbox"/>	FS				
Habitat	Habitat	12/01/11 - 11/30/18	26	6	21		AD	CS	<input type="checkbox"/>	CS	Impaired habitat in water			
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	36	5	36		AD	FS	<input type="checkbox"/>	FS				
Toxic Substances in sediment	Antimony	12/01/11 - 11/30/18	12	4	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	4	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	4	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	4	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	4	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	4	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	4	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	4	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	4	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	4	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	4	0		LD	NC	<input type="checkbox"/>	NC				

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	61	144.95	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c	

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1905\_01 From a point immediately upstream of the confluence of Red Bluff Creek upstream to RM 470

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	111	13.93	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	111	111.85	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	118	386.60	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	66		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	66		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	62		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	31		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	62		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	62		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	31.10	66		0		AD	FS	<input type="checkbox"/>	FS		
<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	110	0.24	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1905\_02

From RM 470 upstream to the confluence of the North Prong Medina River and the West Prong Medina River

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	47		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	47		0		AD	NC	<input type="checkbox"/>	NC		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	52					ID	NA	<input checked="" type="checkbox"/>	CN	Impaired fish community in water	

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	50	80.51	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	111	13.93	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	111	111.85	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	118	386.60	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	50		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	50		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	50		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	49		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	50		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	31.10	50		0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	110	0.24	0		AD	FS	<input type="checkbox"/>	FS		



# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1905A**      **North Prong Medina River**

**AUID: 1905A\_01**      From the confluence with the Medina River upstream to the headwaters approximately 3.5 km east of RM 187 in Bandera County

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	2		0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	2		0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	50		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	50		1	4.60	AD	NC	<input type="checkbox"/>	NC		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	42	4	50			TR	NC	<input type="checkbox"/>	NA		
Habitat	Habitat	12/01/11 - 11/30/18	20	4	26			TR	NC	<input type="checkbox"/>	NA		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	31	2	30			TR	CN	<input type="checkbox"/>	NA		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	52	32.29	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	54		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	27		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	54		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	54		0		AD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1906**

**Lower Leon Creek**

**AUID: 1906\_01**

From the confluence of the Medina River upstream approximate 3.5 mi to the northside of Toyota plant

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	18		0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	18		0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	50		0	SM	FS	<input type="checkbox"/>	NA			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	50		0	SM	NC	<input type="checkbox"/>	NA			
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	41	10	46		TR	NC	<input type="checkbox"/>	NC			
Habitat	Habitat	12/01/11 - 11/30/18	20	10	23		TR	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Antimony	12/01/11 - 11/30/18	12	4		0	LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	4		0	LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	4		0	LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	4		0	LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	4		0	LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	4		0	LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	4		0	LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	4		0	LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	4		0	LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	4		0	LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	4		0	LD	NC	<input type="checkbox"/>	NC			

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	39	54.55	0	AD	FS	<input type="checkbox"/>	FS			

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1906\_01

From the confluence of the Medina River upstream approximate 3.5 mi to the northside of Toyota plant

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Dissolved Solids	Chloride	12/01/11 - 11/30/18	120	85	43.89	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	120	87	62.61	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	700	139	442.22	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	51		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	51		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	39		1	0.34	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	18		1	29.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	39		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	39		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	51		0		AD	FS	<input type="checkbox"/>	FS		

<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	25	0.21	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	22	0.00	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	26	2.30	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1906\_01 From the confluence of the Medina River upstream approximate 3.5 mi to the northside of Toyota plant

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	25	1.16	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	25	0.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	47	0.17	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	25	0.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	22	0.00	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	26	2.30	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	87	0.80	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	18	0.66	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1906\_02 From the northside of the Toyota plant upstream to the confluence of Indian Creek

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126					ID	NA	<input checked="" type="checkbox"/>	CN	Bacteria in water	

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	120	85	43.89	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	120	87	62.61	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	700	139	442.22	0		AD	FS	<input type="checkbox"/>	FS		

## Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	25	0.21	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	22	0.00	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	26	2.30	0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	25	1.16	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	25	0.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	47	0.17	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	25	0.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	22	0.00	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	26	2.30	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	87	0.80	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	18	0.66	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1906\_03 From confluence with Indian Creek to Hwy 353 (New Laredo Hwy)

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID: 1906\_03** From confluence with Indian Creek to Hwy 353 (New Laredo Hwy)

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991	12		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	12		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	16.50	12		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	988.43	12		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	26.77	11		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	133.21	12		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Mercury	12/01/11 - 11/30/18	2.40	10		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	827.19	12		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Selenium	11/14/11 - 11/30/18	20	10		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	207.19	12		0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	11/14/11 - 11/30/18	150	10	1.20	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	11/14/11 - 11/30/18	0.47	10	0.09	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	11/14/11 - 11/30/18	158.51	10	2.06	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Copper (dissolved)	03/09/11 - 11/30/18	20.93	10	1.11	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Lead (dissolved)	11/14/11 - 11/30/18	6.80	10	0.15	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Mercury	10/04/10 - 11/30/18	1.30	10	0.01	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	11/14/11 - 11/30/18	114.05	10	2.40	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Selenium	01/03/11 - 11/30/18	5	10	0.33	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	11/14/11 - 11/30/18	259.39	10	2.27	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	5		2	3.80	LD	CN	<input type="checkbox"/>	CN	Depressed dissolved oxygen in water	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	5		2	2.25	LD	CN	<input type="checkbox"/>	CN	Depressed dissolved oxygen in water	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	24		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	24		5	4.30	AD	CS	<input type="checkbox"/>	CS	Depressed dissolved oxygen in water	
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	4		0		LD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1906\_03 From confluence with Indian Creek to Hwy 353 (New Laredo Hwy)

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Iron	12/01/11 - 11/30/18	40,000	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	3		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	4		1	2.50	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	4		0		LD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	23	123.03	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	120	85	43.89	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	120	87	62.61	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	700	139	442.22	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	25		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	25		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	22		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	23		1	15.80	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	21		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	25		0		AD	FS	<input type="checkbox"/>	FS		



# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1906\_03 From confluence with Indian Creek to Hwy 353 (New Laredo Hwy)

## Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	PCBs in edible tissue	5a
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	25	0.21	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	22	0.00	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	26	2.30	0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	25	1.16	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	25	0.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	47	0.17	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	25	0.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	22	0.00	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	26	2.30	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	87	0.80	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	18	0.66	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1906\_04 From Hwy 353 (New Laredo Hwy) upstream approximately 2 mi to a point southeast of Pearsall Park

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	7		0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	7		1	1.40	LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	7		0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	7		0		LD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126					ID	NA	<input checked="" type="checkbox"/>	CN	Bacteria in water	

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	120	85	43.89	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	120	87	62.61	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	700	139	442.22	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	7		0		LD	NC	<input type="checkbox"/>	NC		
Low pH	pH	12/01/11 - 11/30/18	6.50	7		0		LD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	7		0		LD	NC	<input type="checkbox"/>	NC		

## Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	PCBs in edible tissue	5a
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	25	0.21	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	22	0.00	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	26	2.30	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1906\_04 From Hwy 353 (New Laredo Hwy) upstream approximately 2 mi to a point southeast of Pearsall Park

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	25	1.16	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	25	0.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	47	0.17	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	25	0.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	22	0.00	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	26	2.30	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	87	0.80	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	18	0.66	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1906\_05

From a point southeast of Pearsall Park upstream to US 90 on the westside of San Antonio

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID: 1906\_05** From a point southeast of Pearsall Park upstream to US 90 on the westside of San Antonio

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991	14		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	13		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	16.27	13		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	976.70	14		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	26.40	12		1	1.11	AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	131.16	13		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Mercury	12/01/11 - 11/30/18	2.40	12		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	817.05	14		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	204.65	14		0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	13	1.16	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.47	13	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	158.51	14	1.88	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	20.93	12	0.93	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	6.80	13	0.21	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Mercury	12/01/11 - 11/30/18	1.30	12	0.00	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	114.05	14	2.26	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	9	0.75	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	259.39	14	2.22	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	6		3	3.90	LD	CN	<input type="checkbox"/>	CN	Depressed dissolved oxygen in water	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	6		2	2.75	LD	CN	<input type="checkbox"/>	CN	Depressed dissolved oxygen in water	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	34		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	34		6	3.80	AD	CS	<input type="checkbox"/>	CS	Depressed dissolved oxygen in water	
Toxic Substances in sediment	Antimony	01/03/11 - 11/30/18	12	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	01/03/11 - 11/30/18	33	10		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	01/03/11 - 11/30/18	4.98	10		0		AD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1906\_05 From a point southeast of Pearsall Park upstream to US 90 on the westside of San Antonio

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Chromium	01/03/11 - 11/30/18	111	10		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	01/03/11 - 11/30/18	149	10		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Iron	01/03/11 - 11/30/18	40,000	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	01/03/11 - 11/30/18	128	10		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	01/03/11 - 11/30/18	1,100	10		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	01/03/11 - 11/30/18	1.06	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	01/03/11 - 11/30/18	48.60	10		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	01/03/11 - 11/30/18	1.70	10		3	3.58	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	01/03/11 - 11/30/18	459	10		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	21	143.70	1		AD	CN	<input type="checkbox"/>	CN	Bacteria in water	

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	120	85	43.89	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	120	87	62.61	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	700	139	442.22	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	36		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	36		2	6.25	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	21		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	22		8	27.51	AD	CS	<input type="checkbox"/>	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	23		1	1.99	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	19		1	0.88	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	36		0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1906\_05 From a point southeast of Pearsall Park upstream to US 90 on the westside of San Antonio

## Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	PCBs in edible tissue	5a
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	25	0.21	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	22	0.00	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	26	2.30	0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	25	1.16	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	25	0.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	47	0.17	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	25	0.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	22	0.00	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	26	2.30	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	87	0.80	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	18	0.66	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1906\_06 From US 90 on the westside of San Antonio upstream to a point 100 meters upstream of SH 16 northwest of San Antonio

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	2	1 4.00	ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	2	1 0.29	ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	10	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	10	2 4.30	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Antimony	12/01/11 - 11/30/18	12	4	0	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	4	0	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	4	0	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	4	0	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	4	0	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	4	0	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	4	1 2,320.00	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	4	0	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	4	0	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	4	0	LD	NC	<input checked="" type="checkbox"/>	CS	Silver in sediment	
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	4	0	LD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	1 86	0	ID	NA	<input checked="" type="checkbox"/>	CN	Bacteria in water	



# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1906\_06

From US 90 on the westside of San Antonio upstream to a point 100 meters upstream of SH 16 northwest of San Antonio

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	120	85	43.89	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	120	87	62.61	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	700	139	442.22	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	10		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	10		1	5.20	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	1		0		ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	1		0		ID	NA	<input checked="" type="checkbox"/>	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	1		1	9.78	ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	1		1	2.65	ID	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	10		0		AD	FS	<input type="checkbox"/>	FS		

<b>Fish Consumption Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	PCBs in edible tissue	5a
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	25	0.21	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	22	0.00	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	26	2.30	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1906\_06 From US 90 on the westside of San Antonio upstream to a point 100 meters upstream of SH 16 northwest of San Antonio

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	25	1.16	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	25	0.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	47	0.17	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	25	0.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	22	0.00	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	26	2.30	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	87	0.80	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	18	0.66	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1907**

**Upper Leon Creek**

**AUID: 1907\_01**

From a point 100 meters (110 yards) upstream of SH 16 northwest of San Antonio in Bexar County to a point 9.0 km (5.6 mi) upstream of Scenic Loop Road north of He

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	16		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	16		2	4.05	AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	13	86.84	0		LD	NC	<input type="checkbox"/>	NC		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	55	13	47.30	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	240	13	45.56	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	550	17	442.69	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	16		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	16		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	21		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	20		2	35.50	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	21		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	21		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	16		0		AD	FS	<input type="checkbox"/>	FS		

**Domestic Water Supply Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	2	0.13	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	13	1.16	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1908**

**Upper Cibolo Creek**

**AUID: 1908\_01**

From confluence. with Balcones Creek to approx. 2 mi upstream of Hwy 87 in Boerne

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	2		0		ID	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	2		0		ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	17		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	17		0		AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	42	2	52			AD	FS	☐	FS		
Habitat	Habitat	12/01/11 - 11/30/18	20	2	22			AD	NC	☐	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	31	2	31			AD	FS	☐	FS		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	79	182.27	1		AD	NS	☐	NS	Bacteria in water	5c

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	89	42.80	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	89	36.28	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	600	47	391.54	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	17		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	17		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	78		2	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	65		5	24.00	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	40		21	8.85	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	69		24	1.58	AD	CS	☐	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	17		0		AD	FS	☐	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1908\_01 From confluence. with Balcones Creek to approx. 2 mi upstream of Hwy 87 in Boerne

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	31	0.21	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	89	2.44	0		AD	FS	<input type="checkbox"/>	FS			

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1908\_02 From approximately 2 mi upstream of Hwy 87 in Boerne upstream to a point 1.5 km (0.9 mi) upstream of the confluence of Champee Springs in Kendall County

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	2		0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	2		0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	24		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	24		0		AD	NC	<input type="checkbox"/>	NC		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	42	2	44			AD	FS	<input type="checkbox"/>	FS		
Habitat	Habitat	12/01/11 - 11/30/18	20	2	22			AD	NC	<input type="checkbox"/>	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	31	2	36			AD	FS	<input type="checkbox"/>	FS		
Toxic Substances in sediment	Antimony	12/01/11 - 11/30/18	12	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	4		0		LD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	60	90.06	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1908\_02 From approximately 2 mi upstream of Hwy 87 in Boerne upstream to a point 1.5 km (0.9 mi) upstream of the confluence of Champee Springs in Kendall County

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	89	42.80	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	89	36.28	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	600	47	391.54	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	24		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	24		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	64		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	46		1	17.30	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	51		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	65		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	24		0		AD	FS	<input type="checkbox"/>	FS		
<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	31	0.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	89	2.44	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1908\_03

From the Missouri-Pacific Railroad bridge west of Bracken in Comal County upstream to the confluence of Balcones Creek

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>	<b>LOS</b>	<b>CF</b>	<b>Int LOS</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>						
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	89	42.80	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	89	36.28	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	600	47	391.54	0		AD	FS	<input type="checkbox"/>	FS		
<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>	<b>LOS</b>	<b>CF</b>	<b>Int LOS</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>						
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	31	0.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	89	2.44	0		AD	FS	<input type="checkbox"/>	FS		



# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1909**

**Medina Diversion Lake**

**AUID: 1909\_01**

From Medina Diversion Dam in Medina County to Medina Lake Dam in Medina County, up to normal pool elevation of 926.5 feet (impounds Medina River)

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	16		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	16		0		AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	12	39.66	0		LD	NC	<input type="checkbox"/>	NC		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	17	12.35	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	17	55.98	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	16	287.50	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	16		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	16		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	17		1	0.29	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	5		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	17		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	16		0		JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	16		0		AD	FS	<input type="checkbox"/>	FS		

**Domestic Water Supply Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	5	0.15	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	17	0.15	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1910**

**Salado Creek**

**AUID: 1910\_01**

From confluence with San Antonio River to confluence with Rosillo Creek

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	8		0	SM	NC	<input type="checkbox"/>	NA				
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	8		0	SM	NC	<input type="checkbox"/>	NA				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	45		0	AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	45		0	AD	NC	<input type="checkbox"/>	NC				
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	41	8	41		TR	NC	<input type="checkbox"/>	NC				
Habitat	Habitat	12/01/11 - 11/30/18	20	8	25		TR	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Antimony	12/01/11 - 11/30/18	12	4		0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	4		0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	4		0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	4		0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	4		0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	4		0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	4		0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	4		0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	4		0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	4		0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	4		0	LD	NC	<input type="checkbox"/>	NC				

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	44	60.80	0	AD	FS	<input type="checkbox"/>	FS				

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1910\_01 From confluence with San Antonio River to confluence with Rosillo Creek

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>			
Dissolved Solids	Chloride	12/01/11 - 11/30/18	140	184	45.56	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	200	185	55.88	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	600	208	436.01	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	47		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	47		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	45		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	42		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	45		1	1.99	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	45		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	48		0		AD	FS	<input type="checkbox"/>	FS		

<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>			
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	3	0.23	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	185	0.80	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1910\_02 From the confluence with Rosillo Creek up to the confluence with Pershing Creek.

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	8		1	4.80	LD	NC	<input checked="" type="checkbox"/>	CN	Depressed dissolved oxygen in water	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	8		1	2.80	LD	NC	<input checked="" type="checkbox"/>	CN	Depressed dissolved oxygen in water	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	64		1	2.60	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	64		18	4.38	AD	CS	<input type="checkbox"/>	CS	Depressed dissolved oxygen in water	
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	41	14	40			AD	NS	<input type="checkbox"/>	NS	Impaired fish community in water	5c
Habitat	Habitat	12/01/11 - 11/30/18	20	14	20			AD	NC	<input type="checkbox"/>	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	29	10	28			AD	NS	<input type="checkbox"/>	NS	Impaired macrobenthic community in water	5c
Toxic Substances in sediment	Antimony	12/01/11 - 11/30/18	12	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	4		0		LD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	92	142.77	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	4a

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1910\_02 From the confluence with Rosillo Creek up to the confluence with Pershing Creek.

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>	<b>LOS</b>	<b>CF</b>	<b>Int LOS</b>	<b>TCEQ Cause</b>	<b>Cat</b>
Dissolved Solids	Chloride	12/01/11 - 11/30/18	140	184	45.56	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	200	185	55.88	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	600	208	436.01	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	66		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	66		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	95		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	86		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	95		14	3.19	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	95		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	68		0		AD	FS	<input type="checkbox"/>	FS		

<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>	<b>LOS</b>	<b>CF</b>	<b>Int LOS</b>	<b>TCEQ Cause</b>	<b>Cat</b>
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	3	0.23	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	185	0.80	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1910\_03 From the confluence with Pershing Creek up to the confluence with Walzem Creek.

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	1		0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	1		0		ID	NA	<input checked="" type="checkbox"/>	CN	Depressed dissolved oxygen in water	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	19		1	0.80	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	19		4	3.38	AD	CS	<input type="checkbox"/>	CS	Depressed dissolved oxygen in water	

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	20	664.56	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	4a

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	140	184	45.56	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	200	185	55.88	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	600	208	436.01	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	20		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	20		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	23		1	0.56	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	23		2	20.50	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	24		5	2.89	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	24		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	20		0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	3	0.23	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	185	0.80	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1910\_04 From the confluence with Walzem Creek up to the confluence with Beitel Creek

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	9		1	3.80	LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	9		2	1.55	LD	CN	<input type="checkbox"/>	CN	Depressed dissolved oxygen in water	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	29		2	1.75	AD	FS	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	4a
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	29		6	3.25	AD	CS	<input type="checkbox"/>	CS	Depressed dissolved oxygen in water	

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	29	558.83	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	4a

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	140	184	45.56	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	200	185	55.88	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	600	208	436.01	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	30		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	30		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	43		1	0.68	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	37		1	35.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	43		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	43		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	31		0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	3	0.23	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	185	0.80	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1910A**      **Walzem Creek**

**AUID: 1910A\_01**      From the confluence with Salado Creek upstream to Lanark Dr in San Antonio

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	2		0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	2		0		ID	NA	<input type="checkbox"/>	NA		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	2	207.12	1		ID	NA	<input checked="" type="checkbox"/>	NS	Bacteria in water	4a

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	8		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	8		7	4.52	LD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	8		0		LD	NC	<input type="checkbox"/>	NC		



# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1910C**

**Salado Creek Tributary**

**AUID: 1910C\_01** From the confluence with segment 1910 to the upper end of the water body, NHD RC 12100301000902.

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126			ID	NA	<input checked="" type="checkbox"/>	CN	Bacteria in water	

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1910D**      **Menger Creek**

**AUID: 1910D\_01**      From the confluence with segment 1910 to the upper end of the water body, NHD RC 12100301000147.

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	3	10	1    2.60	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	2	10	1    1.10	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	10	0	SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	10	0	SM	NC	<input type="checkbox"/>	NA		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126			ID	NA	<input checked="" type="checkbox"/>	NS	Bacteria in water	4a

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1910F**

**Upper Salado Creek**

**AUID: 1910F\_01**

Upper Salado Creek an Appendix D section from the confluence with Beitel Creek upstream to Nacogdoches Road

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4					ID	NA	<input checked="" type="checkbox"/>	CS	Depressed dissolved oxygen in water	

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10					ID	NA	<input checked="" type="checkbox"/>	CS	Chlorophyll-a in water	

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1911**

**Upper San Antonio River**

**AUID: 1911\_01**

From the lower end of the segment up to just upstream of the confluence with Olmos Creek.

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	44		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	44		2	4.00	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	359	115.15	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	816	88.60	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	816	60.40	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	928	517.46	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	44		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	44		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	54		5	0.58	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	41		4	33.75	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	54		53	10.74	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	54		48	1.35	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	44		0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1911\_02 From the confluence with Olmos Creek up to just upstream of the confluence with Picos Creek .

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	816	88.60	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	816	60.40	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	928	517.46	0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95					ID	NA	<input checked="" type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69					ID	NA	<input checked="" type="checkbox"/>	CS	Total Phosphorus in water	

## 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1911\_03 From just upstream of the confluence with Picoso Creek up to just upstream of the confluence with Lodi Branch in Floresville, Wilson County, Texas.

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	45	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	45	1	4.60	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Antimony	12/01/11 - 11/30/18	12	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	4	0		LD	NC	<input type="checkbox"/>	NC			

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	326	140.20	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	4a

## 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1911\_03

From just upstream of the confluence with Picoso Creek up to just upstream of the confluence with Lodi Branch in Floresville, Wilson County, Texas.

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	816	88.60	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	816	60.40	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	928	517.46	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	44		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	44		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	46		1	0.60	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	35		0	0.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	46		46	12.30	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	46		44	1.45	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	44		0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1911\_04 From just upstream of the confluence with Lodi Branch in Floresville, Wilson County, Texas up to just upstream of the confluence with Calaveras Creek.

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	26		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	26		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	26	212.67	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	4a

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	816	88.60	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	816	60.40	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	928	517.46	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	26		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	26		2	0.44	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	4		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	26		25	11.27	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	26		24	1.58	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	26		0		AD	FS	<input type="checkbox"/>	FS		



# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1911\_05 From just upstream of the confluence with Calaveras Creek up to just upstream of the confluence with the Medina River.

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	7	0		SM	NC	<input type="checkbox"/>	NA			
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	7	0		SM	NC	<input type="checkbox"/>	NA			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	93	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	93	0		AD	NC	<input type="checkbox"/>	NC			
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	41	3	41		TR	NC	<input type="checkbox"/>	NC			
Habitat	Habitat	12/01/11 - 11/30/18	20	3	17		TR	CS	<input type="checkbox"/>	CS	Impaired habitat in water		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	94	167.09	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	4a

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	816	88.60	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	816	60.40	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	928	517.46	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	93		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	93		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	93		12	1.05	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	82		2	30.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	94		91	12.77	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	94		85	1.61	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	93		0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1911\_06 From just upstream of the confluence with the Medina River up to just upstream of the confluence with Salado Creek.

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	9	0		SM	NC	<input type="checkbox"/>	NA			
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	9	0		SM	NC	<input type="checkbox"/>	NA			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	98	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	98	0		AD	NC	<input type="checkbox"/>	NC			
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	41	9	45		AD	FS	<input type="checkbox"/>	FS			
Habitat	Habitat	12/01/11 - 11/30/18	20	9	22		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Antimony	12/01/11 - 11/30/18	12	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	4	0		LD	NC	<input type="checkbox"/>	NC			

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	97	138.01	1		AD	CN	<input type="checkbox"/>	CN	Bacteria in water	

## 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1911\_06

From just upstream of the confluence with the Medina River up to just upstream of the confluence with Salado Creek.

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed	Exceedances	Data	Int				TCEQ Cause	Cat	
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	816	88.60	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	816	60.40	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	928	517.46	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	98		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	98		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	97		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	85		22	29.18	AD	CS	<input type="checkbox"/>	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	96		24	2.84	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	97		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	98		0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1911\_07 From just upstream of the confluence with Salado Creek up to just upstream of the confluence with Sixmile Creek.

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	21		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	21		0		AD	NC	<input type="checkbox"/>	NC		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	41	4	44			AD	FS	<input type="checkbox"/>	FS		
Habitat	Habitat	12/01/11 - 11/30/18	20	4	19			AD	CS	<input type="checkbox"/>	CS	Impaired habitat in water	
Toxic Substances in sediment	Antimony	12/01/11 - 11/30/18	12	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	4		0		LD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	253	118.56	1		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1911\_07 From just upstream of the confluence with Salado Creek up to just upstream of the confluence with Sixmile Creek.

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	816	88.60	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	816	60.40	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	928	517.46	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	21		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	21		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	31		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	24		6	45.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	31		12	3.97	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	31		0	0.00	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	21		0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1911\_08

From just upstream of the confluence with Sixmile Creek to just upstream of the confluence with San Pedro Creek.

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	7	0		SM	NC	<input type="checkbox"/>	NA			
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	7	0		SM	NC	<input type="checkbox"/>	NA			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	87	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	87	0		AD	NC	<input type="checkbox"/>	NC			
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	41	7	38		AD	NS	<input type="checkbox"/>	NS	Impaired fish community in water	5c	
Habitat	Habitat	12/01/11 - 11/30/18	20	7	20		AD	NC	<input type="checkbox"/>	NC			
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	29	7	27		AD	NS	<input type="checkbox"/>	NS	Impaired macrobenthic community in water	5c	

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	429	251.86	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	4a

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	816	88.60	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	816	60.40	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	928	517.46	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	88		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	88		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	87		1	0.39	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	41		7	36.71	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	87		68	4.45	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	87		9	0.98	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	89		2	32.70	AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1911\_09 From just upstream of the confluence with San Pedro Creek up to the upper end of the segment.

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	19	2	4.20	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	19	1	2.80	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	422	1	2.90	SM	FS	<input type="checkbox"/>	NA			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	422	26	4.30	SM	NC	<input type="checkbox"/>	NA			
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	41	7	38		AD	NS	<input type="checkbox"/>	NS	Impaired fish community in water	5c	
Habitat	Habitat	12/01/11 - 11/30/18	20	7	20		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Antimony	12/01/11 - 11/30/18	12	16	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	16	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	16	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	16	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	16	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	16	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	16	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	16	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	16	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	16	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	16	0		AD	NC	<input type="checkbox"/>	NC			

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	864	560.57	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	4a

## 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1911\_09 From just upstream of the confluence with San Pedro Creek up to the upper end of the segment.

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	816	88.60	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	816	60.40	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	928	517.46	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	426		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	426		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	383		8	0.53	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	248		5	43.60	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	381		353	9.09	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	384		242	1.48	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	430		0		AD	FS	<input type="checkbox"/>	FS		



# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1911B**

**Apache Creek**

**AUID: 1911B\_01** From the confluence with San Pedro Creek upstream to the confluence with Zarzamora Creek.

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	40		1	2.40	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	40		3	3.90	AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	40	508.05	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	4a

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	42		1	0.75	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	42		5	22.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	42		24	3.28	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	42		1	1.09	AD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1911C**

**Alazan Creek**

**AUID: 1911C\_01** From the confluence with Apache Creek up to the confluence with Martinez Creek.

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	42		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	42		1	2.70	AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	42	467.95	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	4a

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	42		1	0.54	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	42		6	21.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	42		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	42		0		AD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1911C\_02 From just upstream of the confluence with Martinez Creek to the upper end of the segment.

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	14		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	14		1	2.10	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	14	280.21	1		LD	CN	<input checked="" type="checkbox"/>	NS	Bacteria in water	4a

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	12		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	12		4	36.75	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	12		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	12		0		AD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1911D**

**San Pedro Creek**

**AUID: 1911D\_01** From the confluence with segment 1911 up to the confluence with Apache Creek.

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	6		0		SM	NC	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	6		0		SM	NC	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	59		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	59		0		AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	203	326.21	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	4a

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	55		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	24		3	21.67	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	55		23	2.52	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	55		0		AD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1911D\_02 From the confluence with Apache Creek to the upper end of the segment, NHD RC 12100301000867

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	12		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	12		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	12	516.74	1		LD	CN	<input checked="" type="checkbox"/>	NS	Bacteria in water	4a

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	12		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	12		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	12		9	2.24	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	12		0		AD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1911E**

**Sixmile Creek**

**AUID: 1911E\_01** From the confluence with 1911 to the upper end of the water body at NHD RC 12100301000061

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	1.50	12		1	1.30	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	12		1	1.30	AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	12	494.47	1		LD	CN	<input checked="" type="checkbox"/>	NS	Bacteria in water	4a

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	12		1	0.67	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	12		2	29.50	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	12		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	12		0		AD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1911H**      **Picosa Creek**

**AUID: 1911H\_01**      From the confluence with 1911 up to the confluence with Mariana Creek

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	3	10	9    0.52	AD	NS	<input type="checkbox"/>	NS	Depressed dissolved oxygen in water	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	2	10	9    0.29	AD	NS	<input type="checkbox"/>	NS	Depressed dissolved oxygen in water	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	8	6    0.67	SM	NS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	8	8    1.11	SM	CS	<input type="checkbox"/>	NA		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1911I**

**Martinez Creek**

**AUID: 1911I\_01**

Martinez Creek from the confluence of Alazan Creek in central San Antonio upstream to the concrete channel portion at San Francisco St in north San Antonio

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	43		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	43		5	2.44	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Antimony	12/01/11 - 11/30/18	12	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	4		0		LD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	39	296.64	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5a

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	39		2	1.05	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	16		1	29.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	39		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	39		0		AD	NC	<input type="checkbox"/>	NC		



# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1911J**      **Pajarito Creek**

**AUID: 1911J\_01**      From the confluence with the Upper San Antonio River upstream to the headwaters at Wilson CR 403 northwest of Floresville

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126			ID	NA	<input checked="" type="checkbox"/>	CN	Bacteria in water	

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1911K      Seguin Branch**

**AUID: 1911K\_01**      From the confluence with the Upper San Antonio River upstream to the headwaters approximately 2.2 km upstream of Wilson CR 331 north of Floresville

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126			ID	NA	<input checked="" type="checkbox"/>	CN	Bacteria in water	

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1911L**      **Unnamed tributary of Upper San Antonio River**

**AUID: 1911L\_01**      From the confluence with the Upper San Antonio River upstream to the confluence with an unnamed tributary 200 m upstream of FM 1303 in Wilson County

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2					ID	NA	<input checked="" type="checkbox"/>	CS	Depressed dissolved oxygen in water		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1912**

**Medio Creek**

**AUID: 1912\_01**

From the confluence with the Medina River in Bexar County to a point 1.0 km (0.6 mi) upstream of IH 35 in San Antonio in Bexar County

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	4	7		0		SM	NC	<input type="checkbox"/>	NA			
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	7		0		SM	NC	<input type="checkbox"/>	NA			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	47		0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	47		0		AD	NC	<input type="checkbox"/>	NC			
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	35	7	48			AD	FS	<input type="checkbox"/>	FS			
Habitat	Habitat	12/01/11 - 11/30/18	14	7	21			AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Antimony	12/01/11 - 11/30/18	12	4		0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	4		0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	4		0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	4		0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	4		0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	4		0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	4		0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	4		0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	4		0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	4		0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	4		0		LD	NC	<input type="checkbox"/>	NC			

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	45	167.37	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c	

## 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1912\_01

From the confluence with the Medina River in Bexar County to a point 1.0 km (0.6 mi) upstream of IH 35 in San Antonio in Bexar County

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	45	102.56	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	45	56.96	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	48	523.10	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	47		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	47		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	45		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	43		6	24.17	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	45		25	5.93	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	45		38	1.41	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	47		0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1912A**      **Upper Medio Creek**

**AUID: 1912A\_01**      From approximately 1.0 km (0.6 mi) upstream of IH 35 at San Antonio (Bexar County) to approximately 1.0 mi upstream of the Bexar/Medina County Line

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	1.50	25		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	25		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	27	123.05	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	27		5	1.15	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	27		26	12.59	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	26		26	2.51	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**SEGID: 1913**

**Mid Cibolo Creek**

**AUID: 1913\_01**

From 100 meters downstream of I10 up to unnamed tributary approximately 0.3 mi upstream of Weir Road, Bexar County, Texas.

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	17	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	17	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Antimony	12/01/11 - 11/30/18	12	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	4	0		LD	NC	<input type="checkbox"/>	NC			

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	06/20/11 - 11/30/18	126	20	81.42	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1913\_01

From 100 meters downstream of I10 up to unnamed tributary approximately 0.3 mi upstream of Weir Road, Bexar County, Texas.

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	76	79.39	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	76	48.20	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	86	525.42	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	17		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	17		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	17		2	0.40	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	17		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	17		17	10.64	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	17		14	1.16	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	17		0		AD	FS	<input type="checkbox"/>	FS		



# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1913\_02 From the confluence with unnamed tributary approximately 0.3 mi upstream of Weir Road, Bexar county, Texas up to 100 meters upstream of the Cibolo Creek Municipi

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	3	12	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	2	12	1	1.20	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	33	0		SM	FS	<input type="checkbox"/>	NA			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	33	1	2.20	SM	NC	<input type="checkbox"/>	NA			

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	34	52.16	0	AD	FS	<input type="checkbox"/>	FS			

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	76	79.39	0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	76	48.20	0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	86	525.42	0	AD	FS	<input type="checkbox"/>	FS			
High pH	pH	12/01/11 - 11/30/18	9	33		0	AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/11 - 11/30/18	6.50	33		0	AD	FS	<input type="checkbox"/>	FS			
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	33		5	1.06	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	34		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	33		32	13.36	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	32		29	2.03	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	33		0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

**AUID:** 1913\_03 From 100 meters upstream of Cibolo Creek Municipal WWTP up to the upper end of the segment.

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	24		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	24		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	25	82.51	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	76	79.39	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	76	48.20	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	86	525.42	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	24		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	24		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	34		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	34		6	19.82	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	34		4	3.36	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	32		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	25		0		AD	FS	<input type="checkbox"/>	FS		