2018 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

Report Abbreviations	Description:
SEGID:	Unique Segment identification alpha-numeric code; can be stream, reservoir, estuary, oyster waters, beach watch, etc.
AUID:	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.
ASMT Start Date:	The start date of the period of record data for this method was selected; the official 2018 period of record is from 12/1/2009 to 11/30/2016. Assessors have the option of going back 10 years (12/1/2006) to select more data, according to assessment guidance.
ASMT End Date:	The end date of the period of record data for this method was selected; the official 2018 period of record dates are 12/1/2009 to 11/30/2016. Assessors have the option of including more recently collected data than 12/01/2016, if available.
# Assd:	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 low flow.
Mean Assd:	Mean of samples assessed; includes averaged methods like chronic criteria as well as geometric mean calculations for bacteria.
# Exceed:	The number of samples that exceed criteria for single sample, or binomial, methods (not averaged data).
Mean Exceed:	This is the mean of the samples that exceeded criteria for the single sample, or binomial, methods (not averaged data).
Criteria:	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.
DS Qual:	*Dataset Qualifier - indicates sample sizes:* **AD** = Adequate Data (10 or more samples) **LD** = Limited Data (less than 9, greater than 3) **ID** = Inadequate Data (less than 4) **JQ** = Level of support is based on judgment of the assessor **SM** = This assessment method is superseded by another method **TR** = Temporally Not Representative, used with NA **SR** = Spatially Not Representative, used with NA **OE** = Other information than ambient samples evaluated **OS** = Assessment area outside state boundaries
LOS:	*Level of support for this use, method, assessment parameter:* **FS** = Fully Supporting **NC** = No Concern **NA** = Not Assessed **NS** = Nonsupport **CS** = Screening Level Concern **CN** = Use Concern
CF:	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.
Int LOS:	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
TCEQ Cause:	This is the impairment description (e.g., bacteria, depressed dissolved oxygen, etc.)
Cat:	**Category 3**: Insufficient or no data and information to determine if standard is attained **Category 4**: Standard is not attained or nonattainment is predicted in the near future due to one or more parameters, but no TMDLs are required. **4a** - All TMDLs have been completed and approved by EPA. **4b** - Other pollution control requirements are reasonably expected to result in the attainment of the water quality standard in the near future. **4c** - 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. **Category 5**: Standard is not attained or nonattainment is predicted in the near future for one or more parameters. **5a** - TMDLs are underway, scheduled, or may be scheduled for one or more parameters. **5b** - 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. **5c** - Additional data or information will be collected and/or evaluated for one or more parameters before a management strategy is selected.

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	12/01/09 - 11/30/16	3	58		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	58		0		AD	NC	☐	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	12/01/09 - 11/30/16	126	81	117.47	0		AD	FS	☐	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	12/01/09 - 11/30/16	180	526	127.27	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	140	526	100.06	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	750	577	678.33	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	58		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	58		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	30		2	0.53	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	80		22	42.75	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	81		77	6.76	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	81		50	1.01	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	58		2	34.20	AD	FS	☐	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)	12/01/09 - 11/30/16	3.83	50	0.16	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	50	3.36	0		AD	FS	☐	FS		

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

AUID: 1901_02 25 mi upstream of 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
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	8		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	8		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	33.93	8		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	1,816.75	8		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	53.91	8		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	289.48	8		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,551.20	8		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	8		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	388.92	7		0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	8	3.15	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.54	8	0.11	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	188.20	8	1.39	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	25.03	8	1.76	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	8.47	8	0.16	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	136.18	8	3.50	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	8	1.15	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	309.81	7	3.39	0		LD	NC	☐	NC		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	4		0		SM	NC	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	4		0		SM	NC	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	65		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	65		0		AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	42	6	36			TR	CN	☑	NS	impaired fish community	5c
Habitat	Habitat	12/01/09 - 11/30/16	20	6	16			TR	CS	☐	CS	impaired habitat	
Toxic Substances in sediment	Antimony	11/10/09 - 11/30/16	12	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	11/10/09 - 11/30/16	33	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	11/10/09 - 11/30/16	4.98	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	11/10/09 - 11/30/16	111	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Copper	11/10/09 - 11/30/16	149	1		0		ID	NA	☐	NA		

AUID: 1901_02 25 mi upstream of 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
Toxic Substances in sediment	Lead	11/10/09 - 11/30/16	128	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Manganese	11/10/09 - 11/30/16	1,100	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	11/10/09 - 11/30/16	1.06	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	11/10/09 - 11/30/16	48.60	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Silver	11/10/09 - 11/30/16	1.70	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	11/10/09 - 11/30/16	459	1		0		ID	NA	☐	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	12/01/09 - 11/30/16	126	362	177.47	1		AD	NS	☐	NS	bacteria	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	12/01/09 - 11/30/16	180	526	127.27	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	140	526	100.06	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	750	577	678.33	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	64		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	64		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	67		1	0.49	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	45		12	39.25	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	67		65	7.65	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	67		39	1.10	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	65		1	32.70	AD	FS	☐	FS		

AUID: 1901_02 25 mi upstream of Manahuilla Creek

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)	12/01/09 - 11/30/16	3.83	50	0.16	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	50	3.36	0		AD	FS	☐	FS		

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
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/06 - 11/30/16	991	10		1	1,200.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/06 - 11/30/16	340	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/06 - 11/30/16	21.95	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/06 - 11/30/16	1,257.88	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/06 - 11/30/16	35.32	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Lead (dissolved)	12/01/06 - 11/30/16	181.77	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/06 - 11/30/16	1,061.08	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/01/06 - 11/30/16	20	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/06 - 11/30/16	265.88	8		0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/06 - 11/30/16	150	10	2.77	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/06 - 11/30/16	0.54	10	0.05	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/06 - 11/30/16	188.20	10	0.50	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/06 - 11/30/16	25.03	10	1.52	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/06 - 11/30/16	8.47	10	0.14	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/06 - 11/30/16	136.18	10	3.05	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/01/06 - 11/30/16	5	10	0.74	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/06 - 11/30/16	309.81	8	4.74	0		LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	132		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	132		0		AD	NC	☐	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	12/01/09 - 11/30/16	126	125	121.06	0		AD	FS	☐	FS		

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

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	12/01/09 - 11/30/16	180	526	127.27	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	140	526	100.06	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	750	577	678.33	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	135		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	135		1	6.30	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	125		3	0.49	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	79		11	27.45	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	125		122	7.97	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	125		81	1.07	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	135		1	33.00	AD	FS	☐	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)	12/01/09 - 11/30/16	3.83	50	0.16	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	50	3.36	0		AD	FS	☐	FS		

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
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/06 - 11/30/16	991	9		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/06 - 11/30/16	340	9		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/06 - 11/30/16	31.05	9		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/06 - 11/30/16	1,685.67	9		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/06 - 11/30/16	49.46	9		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/06 - 11/30/16	263.55	9		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/06 - 11/30/16	1,435.73	9		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Selenium	12/01/06 - 11/30/16	20	9		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/06 - 11/30/16	359.92	8		0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/06 - 11/30/16	150	9	2.80	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/06 - 11/30/16	0.54	9	0.10	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/06 - 11/30/16	188.20	9	1.29	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/06 - 11/30/16	25.03	9	1.89	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/06 - 11/30/16	8.47	9	0.19	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/06 - 11/30/16	136.18	9	3.58	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/01/06 - 11/30/16	5	9	0.96	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/06 - 11/30/16	309.81	8	4.35	0		LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	70		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	70		0		AD	NC	☐	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	12/01/09 - 11/30/16	126	64	184.47	1		AD	NS	☐	NS	bacteria	4a

2018 Texas Integrated Report - Assessment Results for Basin 19 - San Antonio River Basin

AUID: 1901_04 9 mi downstream of Escondido 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	12/01/09 - 11/30/16	180	526	127.27	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	140	526	100.06	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	750	577	678.33	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	72		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	72		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	64		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	47		3	31.33	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	64		62	8.55	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	64		45	1.11	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	72		1	33.00	AD	FS	☐	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)	12/01/09 - 11/30/16	3.83	50	0.16	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	50	3.36	0		AD	FS	☐	FS		

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

AUID: 1901_05 From upstream end of segment to 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
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	26		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	26		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	29.93	26		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	1,634.09	26		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	47.73	26		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	253.44	26		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,390.38	26		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	26		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	348.54	23		0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	26	1.77	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.54	26	0.10	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	188.20	26	1.12	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	25.03	26	1.85	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	8.47	26	0.18	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	136.18	26	3.40	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	26	0.71	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	309.81	23	5.15	0		AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	204		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	204		0		AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	42	7	32			TR	CN	☐	CN	impaired fish community	
Habitat	Habitat	12/01/09 - 11/30/16	20	7	19			TR	CS	☐	CS	impaired habitat	
Toxic Substances in sediment	Antimony	11/10/09 - 11/30/16	12	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	11/10/09 - 11/30/16	33	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	11/10/09 - 11/30/16	4.98	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	11/10/09 - 11/30/16	111	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Copper	11/10/09 - 11/30/16	149	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Lead	11/10/09 - 11/30/16	128	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Manganese	11/10/09 - 11/30/16	1,100	1		0		ID	NA	☐	NA		

AUID: 1901_05 From upstream end of segment to 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
Toxic Substances in sediment	Mercury	11/10/09 - 11/30/16	1.06	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	11/10/09 - 11/30/16	48.60	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Silver	11/10/09 - 11/30/16	1.70	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	11/10/09 - 11/30/16	459	1		0		ID	NA	☐	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	12/01/09 - 11/30/16	126	189	88.61	0		AD	FS	☐	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	12/01/09 - 11/30/16	180	526	127.27	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	140	526	100.06	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	750	577	678.33	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	207		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	207		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	189		4	0.47	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	125		8	42.13	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	189		187	10.05	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	189		139	1.20	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	209		0		AD	FS	☐	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)	12/01/09 - 11/30/16	3.83	50	0.16	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	50	3.36	0		AD	FS	☐	FS		

AUID: 1901_06 Lower 31 mi of 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	12/01/09 - 11/30/16	180	526	127.27	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	140	526	100.06	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	750	577	678.33	0		AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10					ID	NA	☑	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95					ID	NA	☑	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69					ID	NA	☑	CS	total phosphorus	

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)	12/01/09 - 11/30/16	3.83	50	0.16	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	50	3.36	0		AD	FS	☐	FS		

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	59		1	1.30	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	59		3	3.33	AD	NC	☐	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	12/01/09 - 11/30/16	126	60	765.47	1		AD	NS	☐	NS	bacteria	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	12/01/09 - 11/30/16	0.33	55		7	3.85	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	37		2	15.50	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	55		42	12.63	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	55		53	2.37	AD	CS	☐	CS	total phosphorus	

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	16		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	16		1	2.70	AD	NC	☐	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	12/01/09 - 11/30/16	126	16	328.17	1		LD	NS	☐	NS	bacteria	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	12/01/09 - 11/30/16	0.33	10		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	5		0		LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	10		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	10		0		AD	NC	☐	NC		

SEGID: 1901C Hord Creek

AUID: 1901C_01 From the confluence with segment 1901 up to the upper end of the water body (NHD RC 12100303000256).

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	12/01/09 - 11/30/16	2	5		0		LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	5		0		LD	NC	☐	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	12/01/09 - 11/30/16	126	5	20.51	0		LD	NC	☐	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
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	1		0		ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	1		0		ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	1		0		ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	1		0		ID	NA	☐	NA		

SEGID: 1901D Lost Creek

AUID: 1901D_01 From the confluence with segment 1901 to the upper end of the water body (NHD RC

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	12/01/09 - 11/30/16	2	5		0		LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	5		0		LD	NC	☐	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	12/01/09 - 11/30/16	126	5	81.83	0		LD	NC	☐	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
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	1		0		ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	1		0		ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	1		0		ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	1		0		ID	NA	☐	NA		

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

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	12/01/09 - 11/30/16	1.50	13		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	13		0		AD	NC	☐	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	12/01/09 - 11/30/16	126	13	129.72	1		LD	NS	☑	CN	bacteria	

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	12/01/09 - 11/30/16	0.33	8		0		LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	4		0		LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	8		0		LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	8		0		LD	NC	☐	NC		

SEGID: 1901F Ecleto 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 grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	24		6	1.12	AD	NS	☐	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	24		11	1.83	AD	CS	☐	CS	depressed dissolved oxygen	

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	12/01/09 - 11/30/16	126	25	100.08	0		AD	FS	☐	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	12/01/09 - 11/30/16	0.33	25		2	1.41	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	25		12	37.00	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	25		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	25		0		AD	NC	☐	NC		

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	77		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	77		2	4.75	AD	NC	☐	NC		
Toxic Substances in sediment	Antimony	11/10/09 - 11/30/16	12	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	11/10/09 - 11/30/16	33	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	11/10/09 - 11/30/16	4.98	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	11/10/09 - 11/30/16	111	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Copper	11/10/09 - 11/30/16	149	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Lead	11/10/09 - 11/30/16	128	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Manganese	11/10/09 - 11/30/16	1,100	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	11/10/09 - 11/30/16	1.06	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	11/10/09 - 11/30/16	48.60	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Silver	11/10/09 - 11/30/16	1.70	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	11/10/09 - 11/30/16	459	1		0		ID	NA	☐	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	12/01/09 - 11/30/16	126	78	169.59	1		AD	NS	☐	NS	bacteria	5c

2018 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	11/10/09 - 11/30/16	170	244	94.17	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	11/10/09 - 11/30/16	275	247	114.41	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	11/10/09 - 11/30/16	900	326	600.05	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	79		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	79		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	79		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	32		1	26.00	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	79		4	2.38	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	79		1	0.76	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	77		0		AD	FS	☐	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)	11/10/09 - 11/30/16	3.83	9	0.15	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	11/10/09 - 11/30/16	1,140	9	4.30	0		LD	NC	☐	NC		

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
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/06 - 11/30/16	991	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/06 - 11/30/16	340	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/06 - 11/30/16	28.97	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/06 - 11/30/16	1,589.59	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/06 - 11/30/16	46.23	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Lead (dissolved)	12/01/06 - 11/30/16	244.77	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/06 - 11/30/16	1,351.28	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/01/06 - 11/30/16	20	9		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/06 - 11/30/16	338.72	9		0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/06 - 11/30/16	150	10	2.17	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/06 - 11/30/16	0.47	10	0.08	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/06 - 11/30/16	160.56	10	1.13	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/06 - 11/30/16	21.21	10	0.78	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/06 - 11/30/16	6.91	10	0.14	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/06 - 11/30/16	115.57	10	4.01	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/01/06 - 11/30/16	5	9	1.12	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/06 - 11/30/16	262.86	9	2.06	0		LD	NC	☐	NC		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	6		0		SM	NC	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	6		0		SM	NC	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	91		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	91		1	4.70	AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	42	6	45			AD	FS	☐	FS		
Habitat	Habitat	12/01/09 - 11/30/16	20	6	20			AD	NC	☐	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29	2	35			AD	FS	☐	FS		

AUID: 1902_02 From the confluence with Mulifest Creek upstream to the confluence with Pulaski 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	12/01/09 - 11/30/16	126	394	187.04	1		AD	NS	☐	NS	bacteria	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	11/10/09 - 11/30/16	170	244	94.17	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	11/10/09 - 11/30/16	275	247	114.41	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	11/10/09 - 11/30/16	900	326	600.05	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	91		1	9.30	AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	91		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	65		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	42		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	65		4	2.74	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	65		1	0.78	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	92		0		AD	FS	☐	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)	11/10/09 - 11/30/16	3.83	9	0.15	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	11/10/09 - 11/30/16	1,140	9	4.30	0		LD	NC	☐	NC		

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	1		0		SM	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	1		0		SM	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	61		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	61		0		AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	42	2	40			AD	NS	☐	NS	impaired fish community	5c
Habitat	Habitat	12/01/09 - 11/30/16	20	2	20			AD	NC	☐	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	12/01/09 - 11/30/16	126	60	129.24	1		AD	NS	☐	NS	bacteria	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	11/10/09 - 11/30/16	170	244	94.17	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	11/10/09 - 11/30/16	275	247	114.41	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	11/10/09 - 11/30/16	900	326	600.05	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	63		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	63		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	25		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	27		2	18.85	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	27		7	2.50	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	24		1	0.69	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	63		0		AD	FS	☐	FS		

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

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)	11/10/09 - 11/30/16	3.83	9	0.15	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	11/10/09 - 11/30/16	1,140	9	4.30	0		LD	NC	☐	NC		

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	12/01/09 - 11/30/16	3	43		1	1.40	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	43		2	2.95	AD	NC	☐	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	12/01/09 - 11/30/16	126	44	86.09	0		AD	FS	☐	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	11/10/09 - 11/30/16	170	244	94.17	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	11/10/09 - 11/30/16	275	247	114.41	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	11/10/09 - 11/30/16	900	326	600.05	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	43		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	43		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	29		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	29		4	33.23	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	29		16	2.70	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	26		8	0.80	AD	CS	☐	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	43		0		AD	FS	☐	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)	11/10/09 - 11/30/16	3.83	9	0.15	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	11/10/09 - 11/30/16	1,140	9	4.30	0		LD	NC	☐	NC		

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	6		0		SM	NC	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	6		0		SM	NC	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	46		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	46		0		AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	41	6	44			TR	NC	☐	NC		
Habitat	Habitat	12/01/09 - 11/30/16	20	6	21			TR	NC	☐	NC		
Toxic Substances in sediment	Antimony	11/10/09 - 11/30/16	12	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	11/10/09 - 11/30/16	33	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	11/10/09 - 11/30/16	4.98	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	11/10/09 - 11/30/16	111	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Copper	11/10/09 - 11/30/16	149	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Lead	11/10/09 - 11/30/16	128	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Manganese	11/10/09 - 11/30/16	1,100	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	11/10/09 - 11/30/16	1.06	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	11/10/09 - 11/30/16	48.60	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Silver	11/10/09 - 11/30/16	1.70	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	11/10/09 - 11/30/16	459	1		0		ID	NA	☐	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	12/01/09 - 11/30/16	126	47	111.91	0		AD	FS	☐	FS		

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	11/10/09 - 11/30/16	170	244	94.17	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	11/10/09 - 11/30/16	275	247	114.41	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	11/10/09 - 11/30/16	900	326	600.05	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	47		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	47		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	47		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	46		4	38.25	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	47		23	3.23	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	47		28	1.01	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	46		0		AD	FS	☐	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)	11/10/09 - 11/30/16	3.83	9	0.15	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	11/10/09 - 11/30/16	1,140	9	4.30	0		LD	NC	☐	NC		

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/06 - 11/30/16	5	6		0		SM	NC	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/06 - 11/30/16	3	6		0		SM	NC	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	33		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	33		0		AD	NC	☐	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	12/01/09 - 11/30/16	126	37	409.04	1		AD	NS	☐	NS	bacteria	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	12/01/09 - 11/30/16	0.33	37		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	37		4	2.59	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	37		32	1.41	AD	CS	☐	CS	total phosphorus	

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126					ID	NA	☑	CN	bacteria	

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	12/01/09 - 11/30/16	1.95					ID	NA	☑	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69					ID	NA	☑	CS	total phosphorus	

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	12/01/09 - 11/30/16	126					ID	NA	☑	CN	bacteria	

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	12/01/09 - 11/30/16	1.95					ID	NA	☑	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69					ID	NA	☑	CS	total phosphorus	

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	12/01/09 - 11/30/16	2	85		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	85		0		AD	NC	☐	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	12/01/09 - 11/30/16	126	85	21.96	0		AD	FS	☐	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	12/01/09 - 11/30/16	0.33	85		27	1.02	AD	CS	☐	CS	ammonia	
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	32		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	85		54	3.96	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	85		84	2.66	AD	CS	☐	CS	total phosphorus	

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	72		14	1.26	AD	NS	☐	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	72		24	1.75	AD	CS	☐	CS	depressed dissolved oxygen	

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	12/01/09 - 11/30/16	126	74	157.63	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
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	73		13	0.71	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	74		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	74		25	1.13	AD	CS	☐	CS	total phosphorus	

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	1.50	13		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	13		0		AD	NC	☐	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	12/01/09 - 11/30/16	126	14	1.01	0		LD	NC	☐	NC		

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	12/01/09 - 11/30/16	3	36		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	36		0		AD	NC	☐	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	12/01/09 - 11/30/16	126	35	135.29	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	12/01/09 - 11/30/16	120	207	65.86	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	120	212	80.85	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	700	223	512.97	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	36		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	36		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	29		7	0.65	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	30		1	16.80	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	30		30	10.66	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	25		22	1.54	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	36		0		AD	FS	☐	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	12/01/09 - 11/30/16	4	59	0.31	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	213	4.91	0		AD	FS	☐	FS		

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	12/01/09 - 11/30/16	3	35		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	35		0		AD	NC	☐	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	12/01/09 - 11/30/16	126	54	179.65	1		AD	NS	☐	NS	bacteria	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	12/01/09 - 11/30/16	120	207	65.86	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	120	212	80.85	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	700	223	512.97	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	35		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	35		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	54		14	1.10	AD	CS	☐	CS	ammonia	
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	53		2	41.00	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	54		54	9.19	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	54		46	1.72	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	35		0		AD	FS	☐	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	12/01/09 - 11/30/16	4	59	0.31	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	213	4.91	0		AD	FS	☐	FS		

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	12/01/09 - 11/30/16	3	32		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	32		0		AD	NC	☐	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	12/01/09 - 11/30/16	126	32	202.27	1		AD	NS	☐	NS	bacteria	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	12/01/09 - 11/30/16	120	207	65.86	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	120	212	80.85	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	700	223	512.97	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	32		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	32		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	33		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	26		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	33		17	4.10	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	31		4	1.00	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	32		0		AD	FS	☐	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	12/01/09 - 11/30/16	4	59	0.31	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	213	4.91	0		AD	FS	☐	FS		

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	12/01/09 - 11/30/16	3	17		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	17		0		AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	41	5	42			AD	FS	☐	FS		
Habitat	Habitat	12/01/09 - 11/30/16	20	5	20			AD	NC	☐	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	12/01/09 - 11/30/16	126	28	50.29	0		AD	FS	☐	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	12/01/09 - 11/30/16	120	207	65.86	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	120	212	80.85	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	700	223	512.97	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	17		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	17		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	31		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	30		1	18.50	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	31		17	2.86	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	30		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	17		0		AD	FS	☐	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	12/01/09 - 11/30/16	4	59	0.31	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	213	4.91	0		AD	FS	☐	FS		

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	65		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	65		3	4.43	AD	NC	☐	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	12/01/09 - 11/30/16	126	66	49.67	0		AD	FS	☐	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	12/01/09 - 11/30/16	120	207	65.86	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	120	212	80.85	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	700	223	512.97	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	65		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	65		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	70		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	66		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	70		11	2.76	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	67		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	65		0		AD	FS	☐	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	12/01/09 - 11/30/16	4	59	0.31	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	213	4.91	0		AD	FS	☐	FS		

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	12/01/09 - 11/30/16	3	10		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	10		0		AD	NC	☐	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	12/01/09 - 11/30/16	126	10	4.16	0		LD	NC	☐	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	12/01/09 - 11/30/16	80	17	12.64	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	18	61.31	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	350	18	281.91	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	10		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	10		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	31.10	10		0		AD	FS	☐	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	12/01/09 - 11/30/16	4	16	0.13	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	18	0.18	0		AD	FS	☐	FS		

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	12/01/09 - 11/30/16	3	7		0		LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	7		0		LD	NC	☐	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	12/01/09 - 11/30/16	126	8	6.31	0		LD	NC	☐	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	12/01/09 - 11/30/16	80	17	12.64	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	18	61.31	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	350	18	281.91	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	7		0		LD	NC	☐	NC		
Low pH	pH	12/01/09 - 11/30/16	6.50	7		0		LD	NC	☐	NC		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	31.10	7		1	31.60	LD	NC	☐	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	12/01/09 - 11/30/16	4	16	0.13	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	18	0.18	0		AD	FS	☐	FS		

AUID: 1904_03 Remainder of 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	12/01/09 - 11/30/16	80	17	12.64	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	18	61.31	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	350	18	281.91	0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						ID	NA	☐	NA		

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	12/01/09 - 11/30/16	4	16	0.13	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	18	0.18	0		AD	FS	☐	FS		

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	6	7		0		SM	NC	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	4	7		0		SM	NC	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	52		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	52		2	5.70	AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	52	5	52			TR	NC	☑	NS	impaired fish community	5c
Habitat	Habitat	12/01/09 - 11/30/16	26	3	21			TR	CS	☐	CS	impaired habitat	

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	12/01/09 - 11/30/16	126	53	106.83	0		AD	FS	☐	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	12/01/09 - 11/30/16	50	87	14.88	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	150	87	114.38	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	88	388.74	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	54		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	54		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	54		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	35		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	54		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	54		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	31.10	54		0		AD	FS	☐	FS		

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

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	12/01/09 - 11/30/16	10	87	0.29	0		AD	FS	☐	FS		

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	12/01/09 - 11/30/16	4	31		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	31		0		AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	52					ID	NA	☑	CN	impaired fish community	

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	12/01/09 - 11/30/16	126	34	90.43	0		AD	FS	☐	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	12/01/09 - 11/30/16	50	87	14.88	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	150	87	114.38	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	88	388.74	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	34		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	34		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	34		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	34		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	34		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	31.10	34		0		AD	FS	☐	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	12/01/09 - 11/30/16	10	87	0.29	0		AD	FS	☐	FS		

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	2		0		SM	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	2		0		SM	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	40		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	40		1	4.60	AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	42	4	51			TR	NC	☐	NC		
Habitat	Habitat	12/01/09 - 11/30/16	20	4	26			TR	NC	☐	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29	2	33			TR	NC	☐	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	12/01/09 - 11/30/16	126	43	33.14	0		AD	FS	☐	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	12/01/09 - 11/30/16	0.33	45		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	26		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	45		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	45		0		AD	NC	☐	NC		

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	16		0		AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	16		0		AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	48		0		SM	FS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	48		0		SM	NC	☐	NA		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	41	8	45			TR	NC	☐	NC		
Habitat	Habitat	12/01/09 - 11/30/16	20	8	23			TR	NC	☐	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	12/01/09 - 11/30/16	126	40	38.02	0		AD	FS	☐	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	12/01/09 - 11/30/16	120	93	44.95	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	120	95	64.09	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	700	153	433.41	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	49		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	49		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	41		1	0.34	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	19		5	48.00	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	41		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	41		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	49		0		AD	FS	☐	FS		

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	35	1.16	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	35	0.22	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	54	0.18	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	35	0.22	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	29	0.00	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	34	2.34	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	95	0.64	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	31	0.43	0		AD	FS	☐	FS		

AUID: 1906_02 From the northside of the Toyota plant upstream to the confluence of Indian 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	12/01/06 - 11/30/16	5	10		1	4.70	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/06 - 11/30/16	3	10		1	0.60	AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	09/15/09 - 11/30/16	3	10		0		SM	FS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	09/15/09 - 11/30/16	5	10		0		SM	NC	☐	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	12/01/09 - 11/30/16	126	5	225.70	1		LD	CN	☐	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	12/01/09 - 11/30/16	120	93	44.95	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	120	95	64.09	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	700	153	433.41	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	6		0		LD	NC	☐	NC		
Low pH	pH	12/01/09 - 11/30/16	6.50	6		0		LD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	6		0		LD	NC	☐	NC		

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

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)	12/01/09 - 11/30/16	10	35	1.16	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	35	0.22	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	54	0.18	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	35	0.22	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	29	0.00	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	34	2.34	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	95	0.64	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	31	0.43	0		AD	FS	☐	FS		

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

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
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	16		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	17		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	23.24	17		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	1,319.79	16		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	37.33	15		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	193.29	17		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	14		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,115.07	16		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	15		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	279.43	16		0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	14	1.18	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.47	14	0.10	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	158.51	13	2.04	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	20.93	12	1.10	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	6.80	14	0.18	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	11	0.01	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	114.05	13	2.43	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	12	0.26	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	259.39	13	2.46	0		AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	6		2	3.80	LD	CN	☐	CN	depressed dissolved oxygen	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	6		2	2.25	LD	CN	☐	CN	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	27		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	27		4	4.30	AD	CS	☐	CS	Depressed dissolved oxygen in water	
Toxic Substances in sediment	Arsenic	04/26/09 - 11/30/16	33	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	04/26/09 - 11/30/16	4.98	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Chromium	04/26/09 - 11/30/16	111	10		1	112.00	AD	NC	☐	NC		
Toxic Substances in sediment	Copper	04/26/09 - 11/30/16	149	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Iron	04/26/09 - 11/30/16	40,000	10		0		AD	NC	☐	NC		

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	Lead	04/26/09 - 11/30/16	128	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Manganese	04/26/09 - 11/30/16	1,100	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Mercury	04/26/09 - 11/30/16	1.06	7		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	04/26/09 - 11/30/16	48.60	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Silver	04/26/09 - 11/30/16	1.70	10		2	2.52	AD	NC	☐	NC		
Toxic Substances in sediment	Zinc	04/26/09 - 11/30/16	459	10		0		AD	NC	☐	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	12/01/09 - 11/30/16	126	24	169.09	1		AD	NS	☐	NS	bacteria	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	12/01/09 - 11/30/16	120	93	44.95	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	120	95	64.09	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	700	153	433.41	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	28		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	28		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	23		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	24		1	15.80	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	25		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	21		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	28		0		AD	FS	☐	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
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/09 - 11/30/16						OE	NS	☐	NS	PCBs in edible tissue	5a

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

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)	12/01/09 - 11/30/16	10	35	1.16	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	35	0.22	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	54	0.18	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	35	0.22	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	29	0.00	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	34	2.34	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	95	0.64	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	31	0.43	0		AD	FS	☐	FS		

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	12/01/06 - 11/30/16	5	10		1	4.80	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/06 - 11/30/16	3	10		0		AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	10		0		SM	FS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	10		0		SM	NC	☐	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	12/01/09 - 11/30/16	126	5	240.50	1		LD	CN	☐	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	12/01/09 - 11/30/16	120	93	44.95	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	120	95	64.09	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	700	153	433.41	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	10		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	10		0		AD	FS	☐	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	10		0		AD	FS	☐	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
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/09 - 11/30/16						OE	NS	☐	NS	PCBs in fish tissue	5a

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	35	1.16	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	35	0.22	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	54	0.18	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	35	0.22	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	29	0.00	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	34	2.34	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	95	0.64	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	31	0.43	0		AD	FS	☐	FS		

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

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
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	18		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	18		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	22.08	18		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	1,264.15	18		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	35.52	18		1	1.11	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	182.93	18		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	15		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,066.55	18		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	16		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	267.25	18		0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	18	1.16	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.47	18	0.12	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	158.51	18	1.91	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	20.93	18	0.92	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	6.80	18	0.22	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	15	0.00	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	114.05	18	2.31	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	16	0.49	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	259.39	18	2.17	0		AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	26		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	26		1	4.50	AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	05/22/08 - 11/30/16	33	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	05/22/08 - 11/30/16	4.98	10		1	6.56	AD	NC	☐	NC		
Toxic Substances in sediment	Chromium	05/22/08 - 11/30/16	111	10		1	141.00	AD	NC	☐	NC		
Toxic Substances in sediment	Copper	05/22/08 - 11/30/16	149	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Iron	05/22/08 - 11/30/16	40,000	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Lead	05/22/08 - 11/30/16	128	10		1	131.00	AD	NC	☐	NC		
Toxic Substances in sediment	Manganese	05/22/08 - 11/30/16	1,100	10		0		AD	NC	☐	NC		

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	Mercury	05/22/08 - 11/30/16	1.06	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	05/22/08 - 11/30/16	48.60	10		1	49.60	AD	NC	☐	NC		
Toxic Substances in sediment	Silver	05/22/08 - 11/30/16	1.70	10		4	5.03	AD	CS	☐	CS	Silver in sediment	
Toxic Substances in sediment	Zinc	05/22/08 - 11/30/16	459	10		0		AD	NC	☐	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	12/01/09 - 11/30/16	126	22	132.38	1		AD	CN	☐	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	12/01/09 - 11/30/16	120	93	44.95	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	120	95	64.09	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	700	153	433.41	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	26		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	26		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	22		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	23		7	27.44	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	24		1	1.99	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	17		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	26		0		AD	FS	☐	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
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/09 - 11/30/16						OE	NS	☐	NS	PCBs in fish tissue	5a

2018 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

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)	12/01/09 - 11/30/16	10	35	1.16	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	35	0.22	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	54	0.18	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	35	0.22	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	29	0.00	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	34	2.34	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	95	0.64	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	31	0.43	0		AD	FS	☐	FS		

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	11/02/09 - 11/30/16	5	2		1	4.00	SM	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	11/02/09 - 11/30/16	3	2		1	0.29	SM	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	11/02/09 - 11/30/16	3	20		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	11/02/09 - 11/30/16	5	20		2	4.30	AD	NC	☐	NC		
Toxic Substances in sediment	Antimony	11/02/09 - 11/30/16	12	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	11/02/09 - 11/30/16	33	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	11/02/09 - 11/30/16	4.98	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	11/02/09 - 11/30/16	111	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Copper	11/02/09 - 11/30/16	149	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Lead	11/02/09 - 11/30/16	128	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Manganese	11/02/09 - 11/30/16	1,100	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	11/02/09 - 11/30/16	1.06	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	11/02/09 - 11/30/16	48.60	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Silver	11/02/09 - 11/30/16	1.70	1		0		ID	NA	☑	CS	silver in sediment	
Toxic Substances in sediment	Zinc	11/02/09 - 11/30/16	459	1		0		ID	NA	☐	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	11/02/09 - 11/30/16	126	13	176.93	1		LD	CN	☐	CN	Bacteria in water	

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

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	12/01/09 - 11/30/16	120	93	44.95	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	120	95	64.09	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	700	153	433.41	0		AD	FS	☐	FS		
High pH	pH	11/02/09 - 11/30/16	9	20		0		AD	FS	☐	FS		
Low pH	pH	11/02/09 - 11/30/16	6.50	20		1	5.20	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	11/02/09 - 11/30/16	0.33	7		0		LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	11/02/09 - 11/30/16	14.10	7		2	18.35	LD	NC	☑	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	11/02/09 - 11/30/16	1.95	7		1	9.78	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	11/02/09 - 11/30/16	0.69	6		1	2.65	LD	NC	☐	NC		
Water Temperature	Water temperature	11/02/09 - 11/30/16	35	20		0		AD	FS	☐	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
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/09 - 11/30/16						OE	NS	☐	NS	PCBs in fish tissue	5a

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)	12/01/09 - 11/30/16	10	35	1.16	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	35	0.22	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	54	0.18	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	35	0.22	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	29	0.00	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	34	2.34	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	95	0.64	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	31	0.43	0		AD	FS	☐	FS		

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	12/01/09 - 11/30/16	3	7		0		LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	7		1	3.20	LD	NC	☐	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	12/01/09 - 11/30/16	126	8	81.27	0		LD	NC	☐	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	12/01/09 - 11/30/16	55	8	41.43	0		LD	NC	☐	NC		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	240	8	47.80	0		LD	NC	☐	NC		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	550	8	485.30	0		LD	NC	☐	NC		
High pH	pH	12/01/09 - 11/30/16	9	7		0		LD	NC	☐	NC		
Low pH	pH	12/01/09 - 11/30/16	6.50	7		0		LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	10		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	10		1	20.00	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	10		1	2.19	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	10		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	7		0		LD	NC	☐	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	12/01/09 - 11/30/16	4	3	0.13	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	8	1.30	0		LD	NC	☐	NC		

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 grab minimum	Dissolved Oxygen Grab	11/10/09 - 11/30/16	3	21		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	11/10/09 - 11/30/16	5	21		0		AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	42	2	53			AD	FS	☐	FS		
Habitat	Habitat	12/01/09 - 11/30/16	20	2	22			AD	NC	☐	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29	2	40			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	11/10/09 - 11/30/16	126	60	148.73	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	12/01/09 - 11/30/16	50	61	46.88			AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	62	39.30			AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	600	45	382.02			AD	FS	☐	FS		
High pH	pH	11/10/09 - 11/30/16	9	21		0		AD	FS	☐	FS		
Low pH	pH	11/10/09 - 11/30/16	6.50	21		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	11/10/09 - 11/30/16	0.33	61		3	3.68	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	11/10/09 - 11/30/16	14.10	57		1	15.00	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	11/10/09 - 11/30/16	1.95	33		15	7.48	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	11/10/09 - 11/30/16	0.69	51		21	1.63	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	11/10/09 - 11/30/16	32.20	21		0		AD	FS	☐	FS		

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	30	0.27			AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	62	2.21			AD	FS	☐	FS		

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	22		0	0.00	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	22		0		AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	42	2	44			AD	FS	☐	FS		
Habitat	Habitat	12/01/09 - 11/30/16	20	2	22			AD	NC	☐	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29	2	42			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	12/01/09 - 11/30/16	126	44	87.65	0		AD	FS	☐	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	12/01/09 - 11/30/16	50	61	46.88			AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	62	39.30			AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	600	45	382.02			AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	39		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	39		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	44		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	38		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	31		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	40		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	21		0		AD	FS	☐	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	12/01/09 - 11/30/16	4	30	0.27			AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	62	2.21			AD	FS	☐	FS		

AUID: 1908_03 From the Missouri-Pacific Railroad bridge west of Bracken in Comal County upstream to the confluence of Balcones 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	12/01/09 - 11/30/16	50	61	46.88			AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	62	39.30			AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	600	45	382.02			AD	FS	☐	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	12/01/09 - 11/30/16	4	30	0.27			AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	62	2.21			AD	FS	☐	FS		

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	12/01/09 - 11/30/16	3	12		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	12		0		AD	NC	☐	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	12/01/09 - 11/30/16	126	13	13.36	0		LD	NC	☐	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	12/01/09 - 11/30/16	50	13	12.37	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	14	55.83	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	13	287.85	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	12		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	12		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	14		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	12		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	14		4	0.67	JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	12		0		JQ	NA	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	12		0		AD	FS	☐	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	12/01/09 - 11/30/16	4	13	0.15	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	14	0.33	0		AD	FS	☐	FS		

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	57		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	57		0		AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	41	7	40			TR	CN	☐	CN	impaired fish community	
Habitat	Habitat	12/01/09 - 11/30/16	20	7	23			TR	NC	☐	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	12/01/09 - 11/30/16	126	59	74.36	0		AD	FS	☐	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	12/01/09 - 11/30/16	140	183	46.55	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	200	186	56.90	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	600	305	455.63	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	59		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	59		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	47		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	44		1	39.00	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	47		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	46		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	60		0		AD	FS	☐	FS		

2018 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

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	12/01/09 - 11/30/16	4	10	0.34	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	186	0.76	0		AD	FS	☐	FS		

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	12/01/09 - 11/30/16	5	9		2	4.70	LD	CN	☐	CN	Depressed dissolved oxygen in water	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	9		2	2.75	LD	CN	☐	CN	Depressed dissolved oxygen in water	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	104		2	2.10	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	104		22	4.09	AD	CS	☐	CS	Depressed dissolved oxygen in water	
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	41	14	41			AD	FS	☐	FS		
Habitat	Habitat	12/01/09 - 11/30/16	20	14	20			AD	NC	☐	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29	8	27			AD	NS	☐	CN	impaired macrobenthic community	

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	12/01/09 - 11/30/16	126	144	162.41	1		AD	NS	☐	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	12/01/09 - 11/30/16	140	183	46.55	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	200	186	56.90	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	600	305	455.63	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	143		1	11.70	AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	143		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	106		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	91		1	129.00	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	106		15	2.71	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	105		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	145		0		AD	FS	☐	FS		

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

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	12/01/09 - 11/30/16	4	10	0.34	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	186	0.76	0		AD	FS	☐	FS		

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	12/01/09 - 11/30/16	5	2		1	4.60	SM	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	2		1	0.40	ID	NA	☑	CN	Depressed dissolved oxygen in water	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	46		1	0.80	SM	FS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	46		2	2.60	AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	41	2	43			TR	NC	☐	NC		
Habitat	Habitat	12/01/09 - 11/30/16	20	2	21			TR	NC	☐	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	12/01/09 - 11/30/16	126	52	168.45	1		AD	NS	☐	NS	bacteria	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	12/01/09 - 11/30/16	140	183	46.55	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	200	186	56.90	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	600	305	455.63	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	52		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	52		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	24		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	23		2	24.50	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	24		5	2.83	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	24		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	52		0		AD	FS	☐	FS		

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

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	12/01/09 - 11/30/16	4	10	0.34	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	186	0.76	0		AD	FS	☐	FS		

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	12/01/09 - 11/30/16	5	6		0		SM	NC	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	6		1	0.40	SM	NC	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	32		0		AD	FS	☑	NS	depressed dissolved oxygen	4a
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	32		4	4.05	AD	NC	☐	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	12/01/09 - 11/30/16	126	35	371.66	1		AD	NS	☐	NS	bacteria	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	12/01/09 - 11/30/16	140	183	46.55	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	200	186	56.90	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	600	305	455.63	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	36		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	36		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	32		1	0.68	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	25		1	35.00	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	32		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	32		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	37		0		AD	FS	☐	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	12/01/09 - 11/30/16	4	10	0.34	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	186	0.76	0		AD	FS	☐	FS		

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	12/01/09 - 11/30/16	3	10		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	10		0		AD	NC	☐	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	12/01/09 - 11/30/16	126	12	339.80	1		LD	NS	☐	NS	bacteria	4a

SEGID: 1910B Rosillo Creek

AUID: 1910B_01 From the confluence with Salado Creek in Bexar County upstream to the headwaters approximately 1.8 km upstream of FM 1976 in Windcrest

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	12/01/09 - 11/30/16	2	20		1	1.50	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	20		2	2.10	AD	NC	☐	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	12/01/09 - 11/30/16	126	20	64.02	0		AD	FS	☐	FS		

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.

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	12/01/09 - 11/30/16	1.50	7		0		LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	7		0		LD	NC	☐	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	12/01/09 - 11/30/16	126	7	197.56	1		LD	CN	☐	CN	bacteria	

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	3	11		2	2.70	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	2	11		1	1.10	AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	18		1	1.90	SM	FS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	18		1	1.90	SM	NC	☐	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	12/01/09 - 11/30/16	126	7	1,182.92	1		LD	CN	☑	NS	bacteria	4a

SEGID: 1910E Beitel Creek

AUID: 1910E_01 From the confluence with segment 1910 to the upper end of the water body, NHD RC 12100301000662.

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	12/01/09 - 11/30/16	2	10		1	0.70	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	10		1	0.70	AD	NC	☐	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	12/01/09 - 11/30/16	126	11	63.42	0		LD	NC	☐	NC		

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	8		0		LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	8		2	3.45	LD	CS	☐	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	12/01/09 - 11/30/16	126	9	39.35	0		LD	NC	☐	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
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	2		0		ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	2		1	67.50	ID	NA	☑	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	2		0		ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	1		0		ID	NA	☐	NA		

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
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/06 - 11/30/16	991	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/06 - 11/30/16	340	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/06 - 11/30/16	28.48	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/06 - 11/30/16	1,567.24	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/06 - 11/30/16	45.49	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Lead (dissolved)	12/01/06 - 11/30/16	240.43	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/06 - 11/30/16	1,331.66	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/01/06 - 11/30/16	20	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/06 - 11/30/16	333.80	9		0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/06 - 11/30/16	150	10	1.63	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/06 - 11/30/16	0.40	10	0.08	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/06 - 11/30/16	131.82	10	1.13	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/06 - 11/30/16	17.27	10	1.96	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/06 - 11/30/16	5.36	10	0.18	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/06 - 11/30/16	94.27	10	3.47	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/01/06 - 11/30/16	5	10	0.71	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/06 - 11/30/16	214.35	9	6.64	0		LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	70		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	70		2	4.00	AD	NC	☐	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	12/01/09 - 11/30/16	126	369	98.54	0		AD	FS	☐	FS		

AUID: 1911_01 From the lower end of the segment up to just upstream of the confluence with Olmos 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	12/01/09 - 11/30/16	150	889	85.13	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	150	889	60.70	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	750	1,249	505.44	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	68		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	68		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	66		5	0.58	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	47		6	29.83	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	66		66	10.34	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	66		52	1.23	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	70		2	32.60	AD	FS	☐	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)	12/01/09 - 11/30/16	3.83	45	0.17	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	45	2.37	0		AD	FS	☐	FS		

AUID: 1911_02 From the confluence with Olmos Creek up to just upstream of the confluence with Picosa 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	12/01/09 - 11/30/16	150	889	85.13	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	150	889	60.70	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	750	1,249	505.44	0		AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95					ID	NA	☑	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69					ID	NA	☑	CS	total phosphorus	

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)	12/01/09 - 11/30/16	3.83	45	0.17	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	45	2.37	0		AD	FS	☐	FS		

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

AUID: 1911_03 From just upstream of the confluence with Picosa 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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/06 - 11/30/16	991	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/06 - 11/30/16	340	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/06 - 11/30/16	34.33	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/06 - 11/30/16	1,834.79	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/06 - 11/30/16	54.53	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Lead (dissolved)	12/01/06 - 11/30/16	293.08	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/06 - 11/30/16	1,567.11	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/01/06 - 11/30/16	20	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/06 - 11/30/16	392.91	9		0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/06 - 11/30/16	150	10	1.40	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/06 - 11/30/16	0.40	10	0.08	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/06 - 11/30/16	131.82	10	1.16	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/06 - 11/30/16	17.27	10	1.87	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/06 - 11/30/16	5.36	10	0.17	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/06 - 11/30/16	94.27	10	3	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/01/06 - 11/30/16	5	10	0.60	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/06 - 11/30/16	214.35	9	8.03	0		LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	76		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	76		1	4.60	AD	NC	☐	NC		
Toxic Substances in sediment	Antimony	12/01/09 - 11/30/16	12	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	1		0		ID	NA	☐	NA		

AUID: 1911_03 From just upstream of the confluence with Picosa 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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	1		0		ID	NA	☐	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	12/01/09 - 11/30/16	126	336	117.29	1		AD	FS	☐	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	12/01/09 - 11/30/16	150	889	85.13	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	150	889	60.70	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	750	1,249	505.44	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	73		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	73		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	65		6	0.64	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	52		2	39.50	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	65		64	10.96	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	65		59	1.25	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	76		0		AD	FS	☐	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)	12/01/09 - 11/30/16	3.83	45	0.17	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	45	2.37	0		AD	FS	☐	FS		

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	12/01/09 - 11/30/16	3	42		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	42		0		AD	NC	☐	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	12/01/09 - 11/30/16	126	42	87.68	0		AD	FS	☐	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	12/01/09 - 11/30/16	150	889	85.13	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	150	889	60.70	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	750	1,249	505.44	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	42		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	42		1	4.80	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	14		2	0.44	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	3		0		ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	14		14	11.60	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	14		12	1.76	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	42		0		AD	FS	☐	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)	12/01/09 - 11/30/16	3.83	45	0.17	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	45	2.37	0		AD	FS	☐	FS		

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum (dissolved)	11/10/09 - 11/30/16	991	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	11/10/09 - 11/30/16	340	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	11/10/09 - 11/30/16	24.22	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	11/10/09 - 11/30/16	1,366.54	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Copper (dissolved)	11/10/09 - 11/30/16	38.85	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Lead (dissolved)	11/10/09 - 11/30/16	202.06	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel (dissolved)	11/10/09 - 11/30/16	1,155.89	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	11/10/09 - 11/30/16	20	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc (dissolved)	11/10/09 - 11/30/16	289.68	9		0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	11/10/09 - 11/30/16	150	10	0.91	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	11/10/09 - 11/30/16	0.40	10	0.08	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	11/10/09 - 11/30/16	131.82	10	1.12	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper (dissolved)	11/10/09 - 11/30/16	17.27	10	1.67	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead (dissolved)	11/10/09 - 11/30/16	5.36	10	0.15	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	11/10/09 - 11/30/16	94.27	10	2.74	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	11/10/09 - 11/30/16	5	10	0.60	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	11/10/09 - 11/30/16	214.35	9	11.29	0		LD	NC	☐	NC		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	10		0		AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	10		0		AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	138		0		SM	FS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	138		0		SM	NC	☐	NA		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	41	5	37			TR	CN	☐	CN	impaired fish community	
Habitat	Habitat	12/01/09 - 11/30/16	20	5	18			TR	CS	☐	CS	impaired habitat	

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	12/01/09 - 11/30/16	126	138	120.82	0		AD	FS	☐	FS		

2018 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.

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	12/01/09 - 11/30/16	150	889	85.13	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	150	889	60.70	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	750	1,249	505.44	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	137		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	137		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	116		28	0.93	AD	CS	☐	CS	ammonia	
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	104		1	18.00	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	117		113	12.15	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	115		97	1.45	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	138		3	32.30	AD	FS	☐	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)	12/01/09 - 11/30/16	3.83	45	0.17	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	45	2.37	0		AD	FS	☐	FS		

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/06 - 11/30/16	991	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/06 - 11/30/16	340	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/06 - 11/30/16	17.07	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/06 - 11/30/16	1,017.50	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/06 - 11/30/16	27.67	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Lead (dissolved)	12/01/06 - 11/30/16	138.31	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/06 - 11/30/16	852.33	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/01/06 - 11/30/16	20	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/06 - 11/30/16	213.50	10		0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/06 - 11/30/16	150	10	1.48	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/06 - 11/30/16	0.40	10	0.08	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/06 - 11/30/16	131.82	10	1.03	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/06 - 11/30/16	17.27	10	1.35	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/06 - 11/30/16	5.36	10	0.14	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/06 - 11/30/16	94.27	10	1.37	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/01/06 - 11/30/16	5	10	0.60	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/06 - 11/30/16	214.35	10	2.53	0		AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	7		0		SM	NC	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	7		0		SM	NC	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	133		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	133		0		AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	41	7	43			AD	FS	☐	FS		
Habitat	Habitat	12/01/09 - 11/30/16	20	7	21			AD	NC	☐	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	12/01/09 - 11/30/16	126	125	114.54	0		AD	FS	☐	FS		

AUID: 1911_06 From just upstream of the confluence with the Medina River up to just upstream of the confluence with Salado 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	12/01/09 - 11/30/16	150	889	85.13	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	150	889	60.70	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	750	1,249	505.44	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	133		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	133		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	111		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	88		16	25.06	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	110		30	2.74	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	111		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	134		1	32.80	AD	FS	☐	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)	12/01/09 - 11/30/16	3.83	45	0.17	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	45	2.37	0		AD	FS	☐	FS		

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/06 - 11/30/16	991	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/06 - 11/30/16	340	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/06 - 11/30/16	23.01	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/06 - 11/30/16	1,308.58	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/06 - 11/30/16	36.96	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Lead (dissolved)	12/01/06 - 11/30/16	191.19	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/06 - 11/30/16	1,105.28	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/01/06 - 11/30/16	20	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/06 - 11/30/16	276.97	10		0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/06 - 11/30/16	150	10	1.26	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/06 - 11/30/16	0.40	10	0.08	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/06 - 11/30/16	131.82	10	1.17	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/06 - 11/30/16	17.27	10	1.63	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/06 - 11/30/16	5.36	10	0.19	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/06 - 11/30/16	94.27	10	1.40	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/01/06 - 11/30/16	5	10	0.60	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/06 - 11/30/16	214.35	10	3.10	0		AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	4		0		SM	NC	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	4		0		SM	NC	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	58		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	58		0		AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	41	6	45			AD	FS	☐	FS		
Habitat	Habitat	12/01/09 - 11/30/16	20	6	19			AD	CS	☐	CS	impaired habitat	

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	12/01/09 - 11/30/16	126	265	115.92	1		AD	FS	☐	FS		

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	12/01/09 - 11/30/16	150	889	85.13	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	150	889	60.70	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	750	1,249	505.44	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	56		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	56		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	54		1	0.77	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	31		6	52.17	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	54		23	3.62	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	54		1	1.14	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	58		3	33.60	AD	FS	☐	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)	12/01/09 - 11/30/16	3.83	45	0.17	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	45	2.37	0		AD	FS	☐	FS		

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	3		0		SM	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	3		0		SM	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	76		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	76		0		AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	41	3	34			AD	NS	☐	CN	impaired fish community	
Habitat	Habitat	12/01/09 - 11/30/16	20	3	20			AD	NC	☐	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29	3	29			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	12/01/09 - 11/30/16	126	330	228.78	1		AD	NS	☐	NS	bacteria	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	12/01/09 - 11/30/16	150	889	85.13	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	150	889	60.70	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	750	1,249	505.44	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	77		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	77		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	62		1	0.39	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	35		3	34.33	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	62		51	4.41	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	62		5	1.05	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	78		1	33.10	AD	FS	☐	FS		

AUID: 1911_08 From just upstream of the confluence with Sixmile Creek to just upstream of the confluence with San Pedro Creek.

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)	12/01/09 - 11/30/16	3.83	45	0.17	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	45	2.37	0		AD	FS	☐	FS		

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	16		2	4.20	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	16		1	2.80	AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	559		1	2.90	SM	FS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	559		27	4.21	SM	NC	☐	NA		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	41	3	38			AD	NS	☐	NS	impaired fish community	5c
Habitat	Habitat	12/01/09 - 11/30/16	20	3	21			AD	NC	☐	NC		
Toxic Substances in sediment	Antimony	12/01/09 - 11/30/16	12	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	3		0		ID	NA	☐	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	12/01/09 - 11/30/16	126	919	509.58	1		AD	NS	☐	NS	bacteria	4a

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	12/01/09 - 11/30/16	150	889	85.13	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	150	889	60.70	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	750	1,249	505.44	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	562		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	562		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	403		16	0.58	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	260		5	59.80	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	402		356	8.56	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	404		208	1.30	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	566		0		AD	FS	☐	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)	12/01/09 - 11/30/16	3.83	45	0.17	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	45	2.37	0		AD	FS	☐	FS		

SEGID: 1911A Olmos Creek

AUID: 1911A_01 From the confluence with the Upper San Antonio River at a point 100 meters (110 yards) upstream of Hildebrand Avenue upstream to the headwaters near Huebner Oaks

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	12/01/09 - 11/30/16	3	6		0		LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	6		1	4.20	LD	NC	☐	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	12/01/09 - 11/30/16	126	6	76.31	0		LD	NC	☐	NC		

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	12/01/09 - 11/30/16	3	65		5	2.24	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	65		9	2.96	AD	CS	☐	CS	depressed dissolved oxygen	

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	12/01/09 - 11/30/16	126	65	458.75	1		AD	NS	☐	NS	bacteria	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	12/01/09 - 11/30/16	0.33	62		1	1.09	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	42		5	27.20	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	62		26	3.25	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	62		0		AD	NC	☐	NC		

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	12/01/09 - 11/30/16	2	50		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	50		1	2.70	AD	NC	☐	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	12/01/09 - 11/30/16	126	50	357.25	1		AD	NS	☐	NS	bacteria	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	12/01/09 - 11/30/16	0.33	42		2	0.47	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	42		8	19.88	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	42		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	42		0		AD	NC	☐	NC		

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	12/01/09 - 11/30/16	2	10		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	10		1	2.10	AD	NC	☐	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	12/01/09 - 11/30/16	126	10	195.43	1		LD	NS	☐	NS	bacteria	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	12/01/09 - 11/30/16	0.33	8		0		LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	8		2	22.00	LD	NC	☑	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	8		0		LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	8		0		LD	NC	☐	NC		

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	12/01/09 - 11/30/16	5	8		0		SM	NC	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	8		0		SM	NC	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	62		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	62		0		AD	NC	☐	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	12/01/09 - 11/30/16	126	136	235.72	1		AD	NS	☐	NS	bacteria	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	12/01/09 - 11/30/16	0.33	50		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	36		3	21.67	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	50		20	2.56	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	50		0		AD	NC	☐	NC		

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	12/01/09 - 11/30/16	3	24		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	24		0		AD	NC	☐	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	12/01/09 - 11/30/16	126	24	346.00	1		AD	NS	☐	NS	bacteria	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	12/01/09 - 11/30/16	0.33	8		0		LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	8		0		LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	8		7	2.26	LD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	8		0		LD	NC	☐	NC		

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	12/01/09 - 11/30/16	1.50	8		0		LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	8		0		LD	NC	☐	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	12/01/09 - 11/30/16	126	8	442.76	1		LD	CN	☑	NS	bacteria	4a

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	3	10		9	0.52	AD	NS	☐	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	2	10		9	0.29	AD	NS	☐	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	15		6	0.67	SM	NS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	15		8	1.11	SM	CS	☐	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	12/01/09 - 11/30/16	126	7	20.74	0		LD	NC	☐	NC		

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	42		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	42		6	2.45	AD	CS	☐	CS	depressed dissolved oxygen	

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	12/01/09 - 11/30/16	126	42	246.98	1		AD	NS	☐	NS	bacteria	5a

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	12/01/09 - 11/30/16	0.33	34		1	1.02	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	23		2	46.50	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	34		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	34		0		AD	NC	☐	NC		

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

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	12/01/09 - 11/30/16	2	3		0		ID	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	3		0		ID	NA	☐	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	12/01/09 - 11/30/16	126	3	80.17	0		ID	NA	☑	CN	bacteria	

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

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	12/01/09 - 11/30/16	2	6		0		LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	6		1	2.30	LD	NC	☐	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	12/01/09 - 11/30/16	126	6	236.87	1		LD	CN	☐	CN	bacteria	

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	1.50	5		1	1.20	LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	5		2	1.50	LD	CS	☐	CS	depressed dissolved oxygen	

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	12/01/09 - 11/30/16	126	5	15.75	0		LD	NC	☐	NC		

SEGID: 1911M Calaveras Creek

AUID: 1911M_01 From the confluence with the Upper San Antonio River upstream to the Calaveras Reservoir dam north of Elmendorf in Bexar 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 grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	7		0		LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	7		1	4.90	LD	NC	☐	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	12/01/09 - 11/30/16	126	7	95.11	0		LD	NC	☐	NC		

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	4	7		0		SM	NC	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	7		0		SM	NC	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	47		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	47		0		AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	35	7	47			AD	FS	☐	FS		
Habitat	Habitat	12/01/09 - 11/30/16	14	7	20			AD	NC	☐	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	12/01/09 - 11/30/16	126	47	150.59	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	12/01/09 - 11/30/16	150	47	109.54	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	150	47	59.67	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	750	49	556.24	0		AD	FS	☐	FS		
High pH	pH	11/02/09 - 11/30/16	9	47		0		AD	FS	☐	FS		
Low pH	pH	11/02/09 - 11/30/16	6.50	47		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	47		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	45		7	25.71	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	47		33	7.35	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	47		43	1.45	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	11/02/09 - 11/30/16	35	47		0		AD	FS	☐	FS		

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	12/01/09 - 11/30/16	1.50	27		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	27		0		AD	NC	☐	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	12/01/09 - 11/30/16	126	29	93.34	0		AD	FS	☐	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	12/01/09 - 11/30/16	0.33	28		3	1.01	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	27		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	28		27	14.11	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	25		25	2.36	AD	CS	☐	CS	total phosphorus	

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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	12		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	12		0		AD	NC	☐	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	12/01/09 - 11/30/16	126	13	64.07	0		LD	NC	☐	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	12/01/09 - 11/30/16	150	61	74.16	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	150	64	47.21	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	750	73	520.62	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	12		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	12		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	12		1	0.44	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	11		1	28.90	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	12		12	9.22	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	10		10	1.14	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	12		0		AD	FS	☐	FS		

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 Municip

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	12/01/09 - 11/30/16	3	10		0		AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	2	10		0		AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	28		0		SM	FS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	28		0		SM	NC	☐	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	12/01/09 - 11/30/16	126	28	48.95	0		AD	FS	☐	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	12/01/09 - 11/30/16	150	61	74.16	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	150	64	47.21	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	750	73	520.62	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	29		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	29		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	28		5	3.19	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	27		25	11.46	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	26		25	2.11	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	29		0		AD	FS	☐	FS		

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	12/01/09 - 11/30/16	2	21		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	21		0		AD	NC	☐	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	12/01/09 - 11/30/16	126	23	74.55	0		AD	FS	☐	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	12/01/09 - 11/30/16	150	61	74.16	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	150	64	47.21	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	750	73	520.62	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	21		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	21		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	29		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	27		4	24.38	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	29		4	4.25	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	25		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	22		0		AD	FS	☐	FS		