2020 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe 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 2020 period of record is from 12/1/2011 to 11/30/2018. Assessors have the option of going back 10 years (12/1/2008) to select more data, according to assessment guidance.
ASMT End Date:	The end date of the period of record data for this method was selected; the official 2020 period of record dates are 12/1/2011 to 11/30/2018. Assessors have the option of including more recently collected data than 12/01/2018, if available.
# 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Data (less than 4) **JQ** = Level of support is based on judgment of the assessor **SM** = This assessment method is superseded by another method **TR** = Temporally Not Representative, used with NA **SR** = Spatially Not Representative, used with NA **OE** = Other information than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: 1801 Guadalupe River Tidal

AUID: 1801_01 From the confluence with Guadalupe Bay in Calhoun/Refugio County to the Guadalupe-Blanco River Authority Salt Water Barrier 0.7 km (0.4 mi) downstream of the co

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	25		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	25		2	4.70	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	Enterococcus	12/01/11 - 11/30/18	35	16	62.66	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
High pH	pH	12/01/11 - 11/30/18	9	25		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	25		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.46	22		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	21	23		1	26.00	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.10	23		21	2.79	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.66	19		1	1.32	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	25		0		AD	FS	☐	FS		

SEGID: 1802 Guadalupe River Below San Antonio River

AUID: 1802_01 From the GBRA Salt Water Barrier 0.7 km (0.4 mi) downstream of the confluence of the San Antonio River in Calhoun/Refugio County to a point immediately upstream

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)	12/01/11 - 11/30/18	991	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	19.11	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	1,119.03	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	30.87	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	156.40	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Mercury	12/01/11 - 11/30/18	2.40	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	940.32	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	235.58	1		0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	1	4.60	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.41	1	0.21	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	137.14	1	4.70	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	17.99	1	1.50	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	5.64	1	0.50	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Mercury	12/01/11 - 11/30/18	1.30	1	0.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	98.21	1	2.60	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	1	1	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	223.30	1	7.50	0		ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	79		1	2.60	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	79		4	3.83	AD	NC	☐	NC		

AUID: 1802_01 From the GBRA Salt Water Barrier 0.7 km (0.4 mi) downstream of the confluence of the San Antonio River in Calhoun/Refugio County to a point immediately upstream

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	83	68.34	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
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	82	64.31	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	82	51.97	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	700	83	461.91	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	79		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	79		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	43		2	0.61	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	82		6	19.50	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	82		47	3.21	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	83		2	0.85	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	79		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)	12/01/11 - 11/30/18	1.15	1	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	1	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	1	2.60	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

AUID: 1802_01 From the GBRA Salt Water Barrier 0.7 km (0.4 mi) downstream of the confluence of the San Antonio River in Calhoun/Refugio County to a point immediately upstream

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	1	4.60	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	1	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	1	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	1	0.01	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	1	2.60	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	82	2.44	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	1	1	0		ID	NA	☐	NA		

SEGID: 1803 Guadalupe River Below San Marcos River

AUID: 1803_01 Lower 25 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	12/01/11 - 11/30/18	100	140	31.06	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	140	32.60	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	142	343.49	0		AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95					ID	NA	☑	CS	Nitrate in water	

2020 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

AUID: 1803_02 From confluence with Coleto Creek 25 mi upstream

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	140	31.06	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	140	32.60	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	142	343.49	0		AD	FS	☐	FS		

AUID: 1803_03 From confluence with Sandies Creek 25 mi upstream

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	112		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	112		1	4.80	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	12/01/11 - 11/30/18	126	112	66.49	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	12/01/11 - 11/30/18	100	140	31.06	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	140	32.60	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	142	343.49	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	112		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	112		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	70		3	0.51	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	111		6	20.07	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	112		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	112		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	112		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	12/01/11 - 11/30/18	10	112	0.87	0		AD	FS	☐	FS		

AUID: 1803_04 From 25 mi upstream of confluence with Coleto Creek to confluence with Sandies Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	3		0		SM	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	3		0		SM	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28		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	12/01/11 - 11/30/18	126	28	154.28	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	12/01/11 - 11/30/18	100	140	31.06	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	140	32.60	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	142	343.49	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	28		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	28		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	28		2	0.47	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	27		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	28		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	28		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	12/01/11 - 11/30/18	10	28	0.82	0		AD	FS	☐	FS		

AUID: 1803_05 From 25 mi upstream of confluence with Sandies Creek to upper end 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	12/01/11 - 11/30/18	100	140	31.06	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	140	32.60	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	142	343.49	0		AD	FS	☐	FS		

SEGID: 1803A Elm Creek

AUID: 1803A_01 From the confluence of Sandies Creek east of Smiley in Gonzales County to the upstream perennial portion of the stream southwest of Smiley in Gonzales County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	1		1	3.60	ID	NA	☑	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	1		0		ID	NA	☑	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3					ID	NA	☑	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5					ID	NA	☑	CS	Depressed dissolved oxygen in water	

General Use

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

SEGID: 1803B Sandies Creek

AUID: 1803B_01 From the confluence with the Guadalupe River to the confluence with Elm Ck.

AUID: 1803B_01 From the confluence with the Guadalupe River to the confluence with Elm Ck.

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)	12/01/11 - 11/30/18	991	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	17.32	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	1,029.80	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	28.06	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	140.48	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Mercury	12/01/11 - 11/30/18	2.40	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	862.97	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	216.17	3		0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	3	11.06	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.41	3	0.20	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	133.96	3	1.58	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	17.56	3	2.24	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	5.47	3	0.50	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Mercury	12/01/11 - 11/30/18	1.30	3	0.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	95.85	3	1.81	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	217.94	3	2.50	0		ID	NA	☐	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	1		0		SM	NA	☑	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	1		0		SM	NA	☑	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	71		11	2.13	AD	NS	☐	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	71		22	3.10	AD	CS	☐	CS	Depressed dissolved oxygen in water	
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	41					ID	NA	☑	NS	Impaired fish community in water	5b
Habitat	Habitat	12/01/11 - 11/30/18	20					ID	NA	☑	CS	Impaired habitat in water	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	29					ID	NA	☑	NS	Impaired macrobenthic community in water	5b

AUID: 1803B_01 From the confluence with the Guadalupe River to the confluence with Elm Ck.

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	83	272.00	1		AD	NS	☐	NS	Bacteria in water	5b

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	43		3	0.57	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	81		9	34.93	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	82		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	82		5	0.93	AD	NC	☐	NC		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	3.83	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	3	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,140	3	1.81	0		ID	NA	☐	NA		

AUID: 1803B_02 From the confluence with Elm Creek to upper end of water body

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5					ID	NA	☑	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3					ID	NA	☑	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3					ID	NA	☑	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5					ID	NA	☑	CS	Depressed dissolved oxygen in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126					ID	NA	☑	NS	Bacteria in water	5b

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	3.83	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	3	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,140	3	1.81	0		ID	NA	☐	NA		

SEGID: 1803C Peach Creek

AUID: 1803C_01 Lower 25 mi of water body

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)	12/01/11 - 11/30/18	991	3		0		ID	NA	☑	PI		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	17.32	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	1,029.80	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	28.06	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	140.48	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Mercury	12/01/11 - 11/30/18	2.40	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	862.97	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	216.17	3		0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	3	5.02	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.41	3	0.20	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	133.96	3	2.66	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	17.56	3	1.09	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	5.47	3	0.50	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Mercury	12/01/11 - 11/30/18	1.30	3	0.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	95.85	3	1.30	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	217.94	3	5.38	0		ID	NA	☐	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	1		1	2.20	SM	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	1		1	0.50	SM	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	79		2	1.90	AD	FS	☑	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	79		7	3.70	AD	NC	☐	NC		

AUID: 1803C_01 Lower 25 mi of water body

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	79	199.72	1		AD	NS	☐	NS	Bacteria in water	5b

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	43		3	0.49	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	83		2	21.30	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	84		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	84		1	0.86	AD	NC	☐	NC		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	3.83	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	3	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,140	3	1.30	0		ID	NA	☐	NA		

AUID: 1803C_03 From approx. 1.2 mi downstream of FM 1680 in Gonzales County to confluence with Elm Creek In Fayette 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	12/01/11 - 11/30/18	3					ID	NA	☑	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5					ID	NA	☑	NS	Depressed dissolved oxygen in water	5b
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	42					ID	NA	☑	CN	Impaired fish community in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126					ID	NA	☑	NS	Bacteria in water	5b

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	Chlorophyll-a	12/01/11 - 11/30/18	14.10					ID	NA	☑	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69					ID	NA	☑	CS	Total Phosphorus in water	

SEGID: 1804 Guadalupe River Below Comal River

AUID: 1804_01 From a point immediately upstream of the confluence with San Marcos River in Gonzales County, up the confluence with Clemens Creek in Gonzales 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	12/01/11 - 11/30/18	3	58		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	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	12/01/11 - 11/30/18	126	58	22.06	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	12/01/11 - 11/30/18	100	275	22.16	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	275	28.46	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	278	340.46	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	58		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	58		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	37		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	57		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	58		1	2.15	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	58		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	58		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	12/01/11 - 11/30/18	10	58	0.71	0		AD	FS	☐	FS		

AUID: **1804_02** From the confluence with Mill Creek up to McQueeney Dam.

AUID: 1804_02 From the confluence with Mill Creek up to McQueeney 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
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	136	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Aldrin	12/01/11 - 11/30/18	3	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	17.21	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Chlordane	12/01/11 - 11/30/18	2.40	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Chloropyrifos (Dursban)	12/01/11 - 11/30/18	0.08	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	1,024.34	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	27.89	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	DDT	12/01/11 - 11/30/18	1.10	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Diazinon	12/01/11 - 11/30/18	0.17	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Dicofol (Kelthane)	12/01/11 - 11/30/18	59.30	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Dieldrin	12/01/11 - 11/30/18	0.24	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Endosulfan 1 (alpha)	12/01/11 - 11/30/18	0.22	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Endosulfan 2 (beta)	12/01/11 - 11/30/18	0.22	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Endosulfan sulfate	12/01/11 - 11/30/18	0.22	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Endrin	12/01/11 - 11/30/18	0.09	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	gamma-BHC (Lindane)	12/01/11 - 11/30/18	1.13	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Heptachlor	12/01/11 - 11/30/18	0.52	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	139.52	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Mercury	12/01/11 - 11/30/18	2.40	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	858.25	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Parathion (ethyl)	12/01/11 - 11/30/18	0.07	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	PCBs	12/01/11 - 11/30/18	2	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	29.14	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/01/11 - 11/30/18	30	3		0		ID	NA	☐	NA		

AUID: 1804_02 From the confluence with Mill Creek up to McQueeney 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
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	4		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Toxaphene	12/01/11 - 11/30/18	0.78	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	214.99	6		0		LD	NC	☐	NC		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	64	2	25	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	5	1.07	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.42	5	0.18	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Chlordane	12/01/11 - 11/30/18	0.00	2	0.00	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Chloropyrifos (Dursban)	12/01/11 - 11/30/18	0.04	2	0.02	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	137.67	5	1.25	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	18.07	5	0.57	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	DDT	12/01/11 - 11/30/18	0.00	2	0.00	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Demeton	12/01/11 - 11/30/18	0.10	1	0.05	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Diazinon	12/01/11 - 11/30/18	0.17	2	0.09	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Dicofol (Kelthane)	12/01/11 - 11/30/18	19.80	2	0.52	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Endosulfan 1 (alpha)	12/01/11 - 11/30/18	0.06	2	0.03	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Endosulfan 2 (beta)	12/01/11 - 11/30/18	0.06	2	0.03	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Endosulfan sulfate	12/01/11 - 11/30/18	0.06	2	0.03	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Endrin	12/01/11 - 11/30/18	0.00	2	0.00	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	gamma-BHC (Lindane)	12/01/11 - 11/30/18	0.08	2	0.04	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Guthion	12/01/11 - 11/30/18	0.01	2	0.01	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Heptachlor	12/01/11 - 11/30/18	0.00	2	0.00	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	5.67	5	0.41	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Malathion	12/01/11 - 11/30/18	0.01	2	0.01	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Mercury	12/01/11 - 11/30/18	1.30	5	0.00	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Methoxychlor	12/01/11 - 11/30/18	0.03	2	0.02	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Mirex	12/01/11 - 11/30/18	0.00	2	0.00	0		ID	NA	☐	NA		

AUID: 1804_02 From the confluence with Mill Creek up to McQueeney 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
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	98.60	5	1.31	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Parathion (ethyl)	12/01/11 - 11/30/18	0.01	1	0.01	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	PCBs	12/01/11 - 11/30/18	0.01	2	0.01	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	13.52	2	6.76	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/01/11 - 11/30/18	30	2	15	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	4	1.69	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Toxaphene	12/01/11 - 11/30/18	0.00	2	0.00	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	224.20	5	2.02	0		LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	35		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	35		0		AD	NC	☐	NC		
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/11 - 11/30/18	24,790	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	3,800	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5,880	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1-Dichloroethane	12/01/11 - 11/30/18	13,890	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1-Dichloroethylene	12/01/11 - 11/30/18	11,200	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4,5-Tetrachlorobenzene	12/01/11 - 11/30/18	1,590	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/11 - 11/30/18	5,310	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2-Dichlorobenzene	12/01/11 - 11/30/18	4,950	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2-Dichloroethane	12/01/11 - 11/30/18	28,680	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2-Dichloroethene (trans)	12/01/11 - 11/30/18	71,840	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2-Dichloropropane	12/01/11 - 11/30/18	21,120	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/11 - 11/30/18	350	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/11 - 11/30/18	4,650	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	2,4-dinitrotoluene	12/01/11 - 11/30/18	8,020	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	2-hexanone	12/01/11 - 11/30/18	28,200	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	2-Methylnaphthalene	12/01/11 - 11/30/18	201	1		0		ID	NA	☐	NA		

AUID: 1804_02 From the confluence with Mill Creek up to McQueeney 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
Toxic Substances in sediment	3-Methyl-4-chlorophenol	12/01/11 - 11/30/18	5,620	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/01/11 - 11/30/18	116,590	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/01/11 - 11/30/18	88.90	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthylene	12/01/11 - 11/30/18	128	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acetone	12/01/11 - 11/30/18	360,180	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acrylonitrile	12/01/11 - 11/30/18	1,650	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Aldrin	12/01/11 - 11/30/18	80	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	alpha-BHC	12/01/11 - 11/30/18	100	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/01/11 - 11/30/18	845	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor 1016	12/01/11 - 11/30/18	530	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor 1248	12/01/11 - 11/30/18	1,500	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor 1254	12/01/11 - 11/30/18	340	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor1260	12/01/11 - 11/30/18	240	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Benzene	12/01/11 - 11/30/18	2,870	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)anthracene	12/01/11 - 11/30/18	1,050	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/01/11 - 11/30/18	1,450	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	beta-BHC	12/01/11 - 11/30/18	210	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	22,000	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Bromodichloromethane	12/01/11 - 11/30/18	14,740	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Bromoform	12/01/11 - 11/30/18	1,310	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Carbon disulfide	12/01/11 - 11/30/18	780	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Carbon tetrachloride	12/01/11 - 11/30/18	21,000	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chlordane	12/01/11 - 11/30/18	17.60	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chlorobenzene	12/01/11 - 11/30/18	3,000	3		0		ID	NA	☐	NA		

AUID: 1804_02 From the confluence with Mill Creek up to McQueeney 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
Toxic Substances in sediment	Chlorodibromomethane	12/01/11 - 11/30/18	940	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chloroform	12/01/11 - 11/30/18	5,670	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chloromethane	12/01/11 - 11/30/18	106,800	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chrysene	12/01/11 - 11/30/18	1,290	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	DDD	12/01/11 - 11/30/18	28	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	DDE	12/01/11 - 11/30/18	31.30	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	DDT	12/01/11 - 11/30/18	62.90	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	delta-BHC	12/01/11 - 11/30/18	2,300	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Diazinon	12/01/11 - 11/30/18	7.30	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/11 - 11/30/18	135	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Dichlorodifluoromethane	12/01/11 - 11/30/18	22,090	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Dieldrin	12/01/11 - 11/30/18	61.80	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Diethyl phthalate	12/01/11 - 11/30/18	11,000	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Dimethyl phthalate	12/01/11 - 11/30/18	8,900	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Di-n-butyl phthalate	12/01/11 - 11/30/18	80,000	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Di-n-octyl phthalate	12/01/11 - 11/30/18	1,100	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Endosulfan 1 (alpha)	12/01/11 - 11/30/18	7.40	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Endosulfan 2 (beta)	12/01/11 - 11/30/18	35	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Endrin	12/01/11 - 11/30/18	207	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Ethylbenzene	12/01/11 - 11/30/18	7,880	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/01/11 - 11/30/18	2,230	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Fluorene	12/01/11 - 11/30/18	536	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/11 - 11/30/18	4.99	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Heptachlor	12/01/11 - 11/30/18	2.74	2		0		ID	NA	☐	NA		

AUID: 1804_02 From the confluence with Mill Creek up to McQueeney 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
Toxic Substances in sediment	Heptachlor epoxide	12/01/11 - 11/30/18	16	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobenzene (HCB)	12/01/11 - 11/30/18	240	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	550	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorocyclopentadiene	12/01/11 - 11/30/18	202	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Hexachloroethane	12/01/11 - 11/30/18	3,945	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Iron	12/01/11 - 11/30/18	40,000	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Malathion	12/01/11 - 11/30/18	6.20	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Methoxychlor	12/01/11 - 11/30/18	95	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Methylene chloride	12/01/11 - 11/30/18	46,520	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/01/11 - 11/30/18	561	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	N-butyl benzyl phthalate	12/01/11 - 11/30/18	150,000	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Nitrobenzene	12/01/11 - 11/30/18	6,290	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Parathion (ethyl)	12/01/11 - 11/30/18	3.70	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	PCBs	12/01/11 - 11/30/18	676	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Pentachlorobenzene	12/01/11 - 11/30/18	2,660	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	1,200	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Phenanthrene	12/01/11 - 11/30/18	1,170	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Phenol (single compound)	12/01/11 - 11/30/18	210	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/01/11 - 11/30/18	1,520	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Styrene	12/01/11 - 11/30/18	61,420	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Tetrachloroethene	12/01/11 - 11/30/18	8,210	3		0		ID	NA	☐	NA		

AUID: 1804_02 From the confluence with Mill Creek up to McQueeney 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
Toxic Substances in sediment	Toluene	12/01/11 - 11/30/18	20,290	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Toxaphene	12/01/11 - 11/30/18	32	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Trichloroethene	12/01/11 - 11/30/18	13,690	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Vinyl chloride	12/01/11 - 11/30/18	11,780	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Xylene	12/01/11 - 11/30/18	12,010	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	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	12/01/11 - 11/30/18	126	33	38.03	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	12/01/11 - 11/30/18	100	275	22.16	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	275	28.46	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	278	340.46	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	35		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	35		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	36		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	36		3	21.20	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	36		3	2.17	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	33		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	35		0		AD	FS	☐	FS		

AUID: 1804_02 From the confluence with Mill Creek up to McQueeney Dam.

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	1,2,4,5-Tetrachlorobenzene	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	17.55	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	17.55	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	17.55	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4-Dimethylphenol	12/01/11 - 11/30/18	444	3	17.55	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	3,3-Dichlorobenzidine	12/01/11 - 11/30/18	0.79	3	0.40	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Aldrin	12/01/11 - 11/30/18	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	alpha-BHC	12/01/11 - 11/30/18	0.01	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzidine	12/01/11 - 11/30/18	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzo(a)anthracene	12/01/11 - 11/30/18	0.02	3	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/01/11 - 11/30/18	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	beta-BHC	12/01/11 - 11/30/18	0.15	3	0.04	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bis(2-chloroethyl)ether	12/01/11 - 11/30/18	0.60	3	0.30	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	3	2.89	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlordane	12/01/11 - 11/30/18	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/11 - 11/30/18	2.45	3	1.23	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/01/11 - 11/30/18	1,041	3	52.67	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDD	12/01/11 - 11/30/18	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDE	12/01/11 - 11/30/18	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDT	12/01/11 - 11/30/18	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dicofol (Kelthane)	12/01/11 - 11/30/18	0.30	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/01/11 - 11/30/18	0.00	1	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Di-n-butyl phthalate	12/01/11 - 11/30/18	88.90	3	17.55	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Endrin	12/01/11 - 11/30/18	0.02	3	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/01/11 - 11/30/18	0.20	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor	12/01/11 - 11/30/18	0.00	3	0.00	0		ID	NA	☐	NA		

AUID: 1804_02 From the confluence with Mill Creek up to McQueeney Dam.

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	Heptachlor epoxide	12/01/11 - 11/30/18	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/01/11 - 11/30/18	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.21	3	0.11	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.92	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.35	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	6	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methoxychlor	12/01/11 - 11/30/18	2.92	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	1.51	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	16.12	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitrosodiethylamine	12/01/11 - 11/30/18	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	PCBs	12/01/11 - 11/30/18	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.17	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.11	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/01/11 - 11/30/18	23	3	8.55	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Silvex	12/01/11 - 11/30/18	50	3	0.25	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Toxaphene	12/01/11 - 11/30/18	0.01	3	0.01	0		ID	NA	☐	NA		

AUID: 1804_02 From the confluence with Mill Creek up to McQueeney Dam.

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	1,2,4,5-Tetrachlorobenzene	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	17.55	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	17.55	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,4-Dichlorobenzene	12/01/11 - 11/30/18	75	3	17.55	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	17.55	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	2,4-D	12/01/11 - 11/30/18	70	3	0.25	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	2,4-Dimethylphenol	12/01/11 - 11/30/18	444	3	17.55	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	3,3-Dichlorobenzidine	12/01/11 - 11/30/18	0.79	3	0.40	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Aldrin	12/01/11 - 11/30/18	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	alpha-BHC	12/01/11 - 11/30/18	0.01	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Anthracene	12/01/11 - 11/30/18	1,109	3	17.55	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	6	1.10	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Benzidine	12/01/11 - 11/30/18	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzo(a)anthracene	12/01/11 - 11/30/18	0.02	3	0.01	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzo(a)pyrene	12/01/11 - 11/30/18	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	beta-BHC	12/01/11 - 11/30/18	0.15	3	0.04	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bis(2-chloroethyl)ether	12/01/11 - 11/30/18	0.60	3	0.30	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	3	2.89	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	6	0.36	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Chlordane	12/01/11 - 11/30/18	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chrysene	12/01/11 - 11/30/18	2.45	3	1.23	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cresols	12/01/11 - 11/30/18	1,041	3	52.67	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDD	12/01/11 - 11/30/18	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDE	12/01/11 - 11/30/18	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDT	12/01/11 - 11/30/18	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dicofol (Kelthane)	12/01/11 - 11/30/18	0.30	3	0.15	0		ID	NA	☐	NA		

AUID: 1804_02 From the confluence with Mill Creek up to McQueeney Dam.

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	Dieldrin	12/01/11 - 11/30/18	0.00	1	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Di-n-butyl phthalate	12/01/11 - 11/30/18	88.90	3	17.55	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Endrin	12/01/11 - 11/30/18	0.02	3	0.01	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	22	0.15	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	gamma-BHC (Lindane)	12/01/11 - 11/30/18	0.20	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Heptachlor	12/01/11 - 11/30/18	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Heptachlor epoxide	12/01/11 - 11/30/18	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachlorobenzene (HCB)	12/01/11 - 11/30/18	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.21	3	0.11	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachlorocyclopentadiene	12/01/11 - 11/30/18	10.70	3	5.33	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.92	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.35	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	6	0.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Methoxychlor	12/01/11 - 11/30/18	2.92	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	1.51	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	36	1.14	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	16.12	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	N-Nitrosodiethylamine	12/01/11 - 11/30/18	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	PCBs	12/01/11 - 11/30/18	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.17	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.11	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pyridine	12/01/11 - 11/30/18	23	3	8.55	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	4	2.06	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Silvex	12/01/11 - 11/30/18	50	3	0.25	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Toxaphene	12/01/11 - 11/30/18	0.01	3	0.01	0		ID	NA	☐	NA		

AUID: 1804_03 From McQueeney Dam up to TP-1 on Lake Dunlap (NHD RC 12100202000118)

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	84		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	84		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	12/01/11 - 11/30/18	126	84	25.47	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	12/01/11 - 11/30/18	100	275	22.16	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	275	28.46	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	278	340.46	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	84		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	84		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	42		1	0.70	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	83		18	25.54	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	84		1	2.66	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	84		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	84		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	12/01/11 - 11/30/18	10	84	1.01	0		AD	FS	☐	FS		

AUID: 1804_04 From TP-1 dam on Lake Dunlap (NHD RC 12100202000118) up to immediately upstream of Comal River confluence.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	84		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	84		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	12/01/11 - 11/30/18	126	84	59.93	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	12/01/11 - 11/30/18	100	275	22.16	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	275	28.46	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	278	340.46	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	84		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	84		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	42		3	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	83		7	21.36	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	84		4	2.00	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	84		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	84		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	12/01/11 - 11/30/18	10	84	1.39	0		AD	FS	☐	FS		

AUID: 1804_05 From confluence with Clemens Creek up to the confluence with Mill Creek.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	13		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	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	12/01/11 - 11/30/18	126	13	33.35	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
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	275	22.16	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	275	28.46	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	278	340.46	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	13		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	13		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	13		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	13		1	14.50	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	13		1	2.22	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	13		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	13		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	12/01/11 - 11/30/18	10	13	1.30	0		AD	FS	☐	FS		

SEGID: 1804A Geronimo Creek

AUID: 1804A_01 From the confluence of the Guadalupe River south of Seguin in Guadalupe County to the upstream perennial portion north of Seguin in Guadalupe County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	3		0		SM	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	3		0		SM	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	218		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	218		0		AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	41	3	49			AD	FS	☐	FS		
Habitat	Habitat	12/01/11 - 11/30/18	20	3	22			AD	NC	☐	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	29	3	38			AD	FS	☐	FS		
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Benzene	12/01/11 - 11/30/18	2,870	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Ethylbenzene	12/01/11 - 11/30/18	7,880	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Toluene	12/01/11 - 11/30/18	20,290	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Xylene	12/01/11 - 11/30/18	12,010	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	2		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	12/01/11 - 11/30/18	126	215	199.95	1		AD	NS	☐	NS	Bacteria in water	5c

AUID: 1804A_01 From the confluence of the Guadalupe River south of Seguin in Guadalupe County to the upstream perennial portion north of Seguin in 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
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	192		14	0.44	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	216		1	14.50	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	222		215	9.07	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	222		1	2.87	AD	NC	☐	NC		

SEGID: 1804C Alligator Creek

AUID: 1804C_01 From the confluence with Geronimo Creek up to the headwaters approximately 4 mi north of New Braunfels.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	1.50	26		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	26		2	1.80	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	12/01/11 - 11/30/18	126	26	38.24	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	12/01/11 - 11/30/18	0.33	26		5	0.64	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	25		4	27.75	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	26		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	26		0		AD	NC	☐	NC		

SEGID: 1804D Bear Creek

AUID: 1804D_01 From the confluence of Geronimo Creek up to the headwaters approximately 1 mi north of HWY 90, and 0.25 mi south of Ilka Switch Road in Seguin.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	1		0		ID	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	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	12/01/11 - 11/30/18	126	1	59	0		ID	NA	☑	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	1		1	0.38	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	1		0		ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	1		0		ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	1		0		ID	NA	☐	NA		

SEGID: 1805 Canyon Lake

AUID: 1805_01 Cove around Jacob's Creek 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 grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	112		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	112		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	12/01/11 - 11/30/18	126	111	4.57	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	12/01/11 - 11/30/18	50	185	19.54	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	185	22.84	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	184	262.16	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	112		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	112		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	☐	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	112		1	36.30	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
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	☐	NS	Mercury in edible tissue	5c

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	112	0.08	0		AD	FS	☐	FS		

AUID: 1805_02 North end of Crane's Mill Park peninsula to south end of Canyon 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 grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	23		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	23		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	12/01/11 - 11/30/18	126	24	1.07	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	12/01/11 - 11/30/18	50	185	19.54	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	185	22.84	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	184	262.16	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	23		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	23		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	☐	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	25		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-Consumption	12/01/11 - 11/30/18						OE	NS	☐	NS	Mercury in edible tissue	5c

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	24	0.16	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	24	0.07	0		AD	FS	☐	FS		

AUID: 1805_03 Upper end of segment

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	23		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	23		1	5.48	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	12/01/11 - 11/30/18	126	24	1.78	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	12/01/11 - 11/30/18	50	185	19.54	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	185	22.84	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	184	262.16	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	23		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	23		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	☐	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	23		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-Consumption	12/01/11 - 11/30/18						OE	NS	☐	NS	Mercury in edible tissue	5c

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	24	0.16	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	24	0.09	0		AD	FS	☐	FS		

AUID: 1805_04 Lower end of reservoir from dam upstream to Canyon 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 grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	24		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	24		2	5.51	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	12/01/11 - 11/30/18	126	25	1.00	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	12/01/11 - 11/30/18	50	185	19.54	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	185	22.84	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	184	262.16	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	24		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	24		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	☐	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	24		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-Consumption	12/01/11 - 11/30/18						OE	NS	☐	NS	Mercury in edible tissue	5c

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	25	0.15	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	25	0.06	0		AD	FS	☐	FS		

SEGID: 1805A Rebecca Creek

AUID: 1805A_01 Rebecca Creek from the confluence with Canyon Lake upstream to Knoll Schwope Rd in Spring 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	12/01/11 - 11/30/18	3	2		0		ID	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	2	2		0		ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	2		0		ID	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	2		0		ID	NA	☐	NA		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	12	2	47			AD	FS	☐	FS		
Habitat	Habitat	12/01/11 - 11/30/18	4	2	24			AD	NC	☐	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	10	2	29			AD	FS	☐	FS		

SEGID: 1806 Guadalupe River Above Canyon Lake

AUID: 1806_01 From a point 2.7 km (1.7 mi) downstream of Rebecca Creek Road in Comal County upstream to the confluence of Honey Creek in Comal 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	12/01/11 - 11/30/18	4	38		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	38		1	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	12/01/11 - 11/30/18	126	80	68.59	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	12/01/11 - 11/30/18	50	305	25.28	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	305	20.80	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	712	303.77	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	38		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	38		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	40		1	0.35	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	80		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	82		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	82		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	38		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	12/01/11 - 11/30/18	10	80	0.33	0		AD	FS	☐	FS		

AUID: 1806_02 From the confluence of Big Joshua Creek in Kendall County upstream to Flat Rock Dam in Kerrville

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	6	3		0		SM	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	4	3		0		SM	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	115		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	115		0		AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	52	3	52			AD	FS	☐	FS		
Habitat	Habitat	12/01/11 - 11/30/18	26	3	23			AD	CS	☐	CS	Impaired habitat in water	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	36	3	36			AD	FS	☐	FS		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	112	52.27	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	12/01/11 - 11/30/18	50	305	25.28	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	305	20.80	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	712	303.77	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	115		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	115		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	08/01/11 - 11/30/18	0.33	10		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	112		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	111		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	112		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	115		0		AD	FS	☐	FS		

AUID: 1806_02 From the confluence of Big Joshua Creek in Kendall County upstream to Flat Rock Dam in Kerrville

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	3	0.13	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	111	0.57	0		AD	FS	☐	FS		

AUID: 1806_08 From the confluence of Honey Creek in Comal County upstream to the confluence of Big Joshua Creek 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	12/01/11 - 11/30/18	4	29		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	29		1	5.70	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	12/01/11 - 11/30/18	126	29	177.55	1		AD	NS	☐	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	305	25.28	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	305	20.80	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	712	303.77	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	29		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	29		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	29		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	29		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	29		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	29		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	12/01/11 - 11/30/18	10	29	0.37	0		AD	FS	☐	FS		

AUID: 1806_09 From Flat Rock Dam in Kerrville upstream to the confluence of Camp Meeting Creek in Kerrville

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	93		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	93		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	12/01/11 - 11/30/18	126	93	89.02	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	12/01/11 - 11/30/18	50	305	25.28	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	305	20.80	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	712	303.77	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	93		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	93		0		AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	28		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	93		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	12/01/11 - 11/30/18	10	28	0.28	0		AD	FS	☐	FS		

AUID: 1806_10 From the confluence of Camp Meeting Creek in Kerrville upstream to the confluence of Town Creek in Kerrville

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	319		1	3.90	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	319		22	5.39	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	12/01/11 - 11/30/18	126	319	61.87	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	12/01/11 - 11/30/18	50	305	25.28	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	305	20.80	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	712	303.77	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	319		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	319		0		AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	28		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	319		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	12/01/11 - 11/30/18	10	28	0.21	0		AD	FS	☐	FS		

AUID: 1806_11 From the confluence of Town Creek in Kerrville upstream to the confluence of Goat Creek in Kerrville

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	26		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	26		3	5.80	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	12/01/11 - 11/30/18	126	45	7.81	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	12/01/11 - 11/30/18	50	305	25.28	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	305	20.80	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	712	303.77	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	25		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	25		0		AD	FS	☐	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	25		0		AD	FS	☐	FS		

AUID: 1806_12 From the confluence of Goat Creek in Kerrville upstream to the confluence of the North Fork Guadalupe River and the South Fork Guadalupe River in Kerr County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	6	2		0		SM	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	4	2		0		SM	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	30		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	30		2	5.45	AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	52	2	48			AD	NS	☐	CN	Impaired fish community in water	
Habitat	Habitat	12/01/11 - 11/30/18	26	2	22			AD	CS	☐	CS	Impaired habitat in water	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	36	2	37			AD	FS	☐	FS		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	28	46.93	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	12/01/11 - 11/30/18	50	305	25.28	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	305	20.80	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	712	303.77	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	30		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	30		0		AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	28		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	30		0		AD	FS	☐	FS		

AUID: 1806_12 From the confluence of Goat Creek in Kerrville upstream to the confluence of the North Fork Guadalupe River and the South Fork Guadalupe River in Kerr County

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	28	0.19	0		AD	FS	☐	FS		

SEGID: 1806A Camp Meeting Creek

AUID: 1806A_01 Intermittent stream with perennial pools from the confluence with the Guadalupe River upstream to the dam on an unnamed impoundment, located downstream of Ranch

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	67		3	2.13	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	67		16	3.70	AD	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	12/01/11 - 11/30/18	126	67	262.85	1		AD	NS	☐	NS	Bacteria in water	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	Chlorophyll-a	12/01/11 - 11/30/18	14.10	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		1	2.50	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	28		0		AD	NC	☐	NC		

SEGID: 1806D Quinlan Creek

AUID: 1806D_01 From the confluence of the Guadalupe River in Kerrville in Kerr County to the upstream perennial portion of the stream north of Kerrville in Kerr 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	12/01/11 - 11/30/18	2	47		2	0.65	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	47		2	0.65	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	12/01/11 - 11/30/18	126	39	319.24	1		AD	NS	☐	NS	Bacteria in water	4a

SEGID: 1806E Town Creek

AUID: 1806E_01 From the confluence of the Guadalupe River just upstream of FM 394 in Kerrville in Kerr County upstream to the headwaters in Gillespie County approximately 4.5 mi (

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	70		4	2.53	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	70		13	3.73	AD	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	12/01/11 - 11/30/18	126	70	347.29	1		AD	NS	☐	NS	Bacteria in water	4a

SEGID: 1807 Coleto Creek

AUID: 1807_01 From confluence with Guadalupe River to Coleto Creek Reservoir 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	12/01/11 - 11/30/18	3	84		1	2.00	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	84		1	2.00	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	12/01/11 - 11/30/18	126	84	4.36	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	12/01/11 - 11/30/18	250	84	48.53	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	84	23.30	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	84	299.01	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	84		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	84		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	43		2	0.60	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	83		23	19.81	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	84		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	84		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	84		2	34.75	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	12/01/11 - 11/30/18	10	84	0.04	0		AD	FS	☐	FS		

AUID: 1807_02 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	12/01/11 - 11/30/18	250	84	48.53	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	84	23.30	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	84	299.01	0		AD	FS	☐	FS		

SEGID: 1808 Lower San Marcos River

AUID: 1808_01 Lower 18 mi from confluence with Guadalupe River to confluence with Mile Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	29		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	29		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	12/01/11 - 11/30/18	126	28	116.58	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	12/01/11 - 11/30/18	60	139	26.97	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	139	31.12	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	154	371.77	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	29		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	29		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	28		2	0.54	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	28		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	29		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	12/01/11 - 11/30/18	10	28	1.11	0		AD	FS	☐	FS		

AUID: 1808_02 From confluence with Mile Creek to confluence with Plum Creek

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	60	139	26.97	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	139	31.12	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	154	371.77	0		AD	FS	☐	FS		

AUID: 1808_03 From confluence with Plum Creek to Guadalupe CR 239/247

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	83		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	83		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	12/01/11 - 11/30/18	126	84	78.16	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	12/01/11 - 11/30/18	60	139	26.97	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	139	31.12	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	154	371.77	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	83		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	83		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	40		1	0.34	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	83		1	15.60	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	84		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	84		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	83		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	12/01/11 - 11/30/18	10	84	1.28	0		AD	FS	☐	FS		

AUID: 1808_04 From Guadalupe CR 239/247 to upper end of segment

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	38		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	38		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	12/01/11 - 11/30/18	126	41	111.16	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	12/01/11 - 11/30/18	60	139	26.97	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	139	31.12	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	154	371.77	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	42		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	42		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	25		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	26		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	27		6	2.06	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	24		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	42		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	12/01/11 - 11/30/18	4	27	0.15	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	27	1.60	0		AD	FS	☐	FS		

SEGID: 1809 Lower Blanco River

AUID: 1809_01 Lower 7 mi of segment

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	22		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	22		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	12/01/11 - 11/30/18	126	23	31.85	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	12/01/11 - 11/30/18	50	43	14.86	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	43	28.89	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	53	306.73	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	23		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	23		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	24		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	26		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	26		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	25		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.30	23		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	12/01/11 - 11/30/18	4	23	0.14	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	23	0.47	0		AD	FS	☐	FS		

AUID: 1809_02 Upper 8 mi of segment

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	23		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	23		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	12/01/11 - 11/30/18	126	25	15.33	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	12/01/11 - 11/30/18	50	43	14.86	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	43	28.89	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	53	306.73	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	28		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	28		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	30		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	25		2	25.40	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	31		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	29		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.30	28		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	12/01/11 - 11/30/18	4	18	0.14	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	21	0.31	0		AD	FS	☐	FS		

SEGID: 1810 Plum Creek

AUID: 1810_01 Confluence with San Marcos River to approximately 2.5 mi upstream of the confluence with Clear Fork Plum Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	14		1	4.40	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	14		1	2.60	AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	87		0		SM	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	87		6	4.48	SM	NA	☐	NA		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	42	4	39			AD	NS	☐	CN	Impaired fish community in water	
Habitat	Habitat	12/01/11 - 11/30/18	20	4	19			AD	CS	☐	CS	Impaired habitat in water	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	30	4	31			AD	FS	☐	FS		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	84	222.40	1		AD	NS	☐	NS	Bacteria in water	4b

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	350	252	112.38	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	252	82.19	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,120	289	624.67	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	88		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	88		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	55		6	0.45	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	83		2	19.30	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	84		40	4.36	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	84		32	1.03	AD	CS	☐	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	88		0		AD	FS	☐	FS		

AUID: 1810_01 Confluence with San Marcos River to approximately 2.5 mi upstream of the confluence with Clear Fork Plum 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	Nitrate	12/01/11 - 11/30/18	10	84	2.57	0		AD	FS	☐	FS		

AUID: 1810_02 From approximately 2.5 mi upstream of confluence with Clear Fork Plum Ck to approximately 0.5 mi upstream of SH21

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	11		0		AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	11		0		AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	86		0		SM	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	86		2	3.95	SM	NA	☐	NA		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	41	1	38			LD	CN	☐	CN	Impaired fish community in water	
Habitat	Habitat	12/01/11 - 11/30/18	20	1	19			LD	CS	☐	CS	Impaired habitat in water	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	29	1	34			LD	NC	☐	NC		
Toxic Substances in sediment	Benzene	12/01/11 - 11/30/18	2,870	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Ethylbenzene	12/01/11 - 11/30/18	7,880	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Toluene	12/01/11 - 11/30/18	20,290	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Xylene	12/01/11 - 11/30/18	12,010	4		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	12/01/11 - 11/30/18	126	85	362.18	1		AD	NS	☐	NS	Bacteria in water	4b

AUID: 1810_02 From approximately 2.5 mi upstream of confluence with Clear Fork Plum Ck to approximately 0.5 mi upstream of SH21

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	350	252	112.38	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	252	82.19	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,120	289	624.67	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	86		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	86		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	56		7	0.59	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	83		2	18.95	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	85		71	5.87	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	85		52	1.30	AD	CS	☐	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	85		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	12/01/11 - 11/30/18	10	85	5.03	0		AD	FS	☐	FS		

AUID: 1810_03 From approximately 0.5 mi upstream of SH 21 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 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	10		1	4.60	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	10		0		AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	85		3	1.80	SM	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	85		7	3.19	SM	NA	☐	NA		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	29					ID	NA	☑	CN	Impaired macrobenthic community in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	85	516.27	1		AD	NS	☐	NS	Bacteria in water	4b

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	350	252	112.38	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	252	82.19	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,120	289	624.67	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	85		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	85		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	55		16	1.77	AD	CS	☐	CS	Ammonia in water	
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	83		4	19.58	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	85		67	10.53	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	85		56	2.42	AD	CS	☐	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	85		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	12/01/11 - 11/30/18	10	85	8.53	0		AD	FS	☐	FS		

SEGID: 1810A Town Branch

AUID: 1810A_01 Perennial stream from the confluence of Plum Creek upstream to US 183 in the City of Lockhart (App D)

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	2		0		SM	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	2		0		SM	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	06/01/11 - 11/30/18	3	10		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	06/01/11 - 11/30/18	5	10		2	4.15	AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	41	2	42			AD	FS	☐	FS		
Habitat	Habitat	12/01/11 - 11/30/18	20	2	23			AD	NC	☐	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	29	2	31			AD	FS	☐	FS		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	6	229.41	1		ID	NA	☑	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	6		1	0.60	LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	6		6	10.73	LD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	6		0		LD	NC	☐	NC		

SEGID: 1811 Comal River

AUID: 1811_01 From the confluence with segment 1804 of the Guadalupe River up to just upstream of the confluence with Dry Comal Creek in New Braunfels, Comal 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	12/01/11 - 11/30/18	3	84		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	84		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	12/01/11 - 11/30/18	126	84	161.93	1		AD	NS	☐	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	138	19.35	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	138	30.98	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	138	384.14	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	84		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	84		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	41		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	83		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	84		14	2.02	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	84		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	84		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	12/01/11 - 11/30/18	10	84	1.81	0		AD	FS	☐	FS		

AUID: 1811_02 From the confluence with Dry Comal Creek up to Klingemann Street in New Braunfels, Comal 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	12/01/11 - 11/30/18	3	51		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	51		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	12/01/11 - 11/30/18	126	54	109.60	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	12/01/11 - 11/30/18	50	138	19.35	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	138	30.98	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	138	384.14	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	51		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	51		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	54		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	54		12	2.02	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	54		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	51		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	12/01/11 - 11/30/18	10	54	1.85	0		AD	FS	☐	FS		

SEGID: 1811A Dry Comal Creek

AUID: 1811A_01 Lower 25 mi of water body

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	84		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	84		0		AD	NC	☐	NC		
Toxic Substances in sediment	Benzene	12/01/11 - 11/30/18	2,870	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Ethylbenzene	12/01/11 - 11/30/18	7,880	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Toluene	12/01/11 - 11/30/18	20,290	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Xylene	12/01/11 - 11/30/18	12,010	2		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	12/01/11 - 11/30/18	126	84	353.07	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	12/01/11 - 11/30/18	0.33	43		1	0.36	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	83		3	22.80	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	84		3	2.34	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	84		0		AD	NC	☐	NC		

SEGID: 1812 Guadalupe River Below Canyon Dam

AUID: 1812_01 From a point immediately upstream of the confluence of the Comal River in Comal County to immediately upstream of the confluence with Elm Creek, Comal 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	12/01/11 - 11/30/18	4	21		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	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	12/01/11 - 11/30/18	126	31	83.85	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	12/01/11 - 11/30/18	50	140	18.59	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	140	24.08	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	138	289.92	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	21		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	21		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	31		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	31		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	31		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	31		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	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	05/30/11 - 11/30/18	4	10	0.13	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	31	0.59	0		AD	FS	☐	FS		

AUID: 1812_02 From immediately upstream of Elm Creek up to the confluence with Bear Creek, Comal 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	05/30/11 - 11/30/18	4	89		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	05/30/11 - 11/30/18	6	89		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	05/30/11 - 11/30/18	126	89	68.71	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	12/01/11 - 11/30/18	50	140	18.59	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	140	24.08	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	138	289.92	0		AD	FS	☐	FS		
High pH	pH	05/30/11 - 11/30/18	9	89		0		AD	FS	☐	FS		
Low pH	pH	05/30/11 - 11/30/18	6.50	89		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	05/30/11 - 11/30/18	0.33	46		2	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	05/30/11 - 11/30/18	14.10	87		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	05/30/11 - 11/30/18	1.95	89		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	05/30/11 - 11/30/18	0.69	89		0		AD	NC	☐	NC		
Water Temperature	Water temperature	05/30/11 - 11/30/18	32.20	89		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	05/30/11 - 11/30/18	10	89	0.17	0		AD	FS	☐	FS		

AUID: 1812_03 From immediately upstream of the confluence with Bear Creek in Comal County, Texas up to Canyon 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	12/01/11 - 11/30/18	4	26		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	26		1	5.70	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	12/01/11 - 11/30/18	126	27	76.82	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	12/01/11 - 11/30/18	50	140	18.59	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	140	24.08	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	138	289.92	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	26		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	26		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	27		1	0.39	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	27		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	27		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	27		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	26		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	12/01/11 - 11/30/18	4	3	0.17	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	27	0.16	0		AD	FS	☐	FS		

SEGID: 1813 Upper Blanco River

AUID: 1813_01 From a point 0.3 km (0.2 mi) upstream of Limekiln Road in Hays County up to the confluence with Spoke Pile Creek.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	33		1	0.60	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	33		1	0.60	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	12/01/11 - 11/30/18	126	27	22.33	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	12/01/11 - 11/30/18	50	32	13.23	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	32	36.45	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	179	323.27	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	37		1	9.30	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	37		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	27		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	27		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	27		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.30	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	Nitrate	12/01/11 - 11/30/18	10	27	0.25	0		AD	FS	☐	FS		

AUID: 1813_02 From the confluence with Spoke Pile Creek up to the confluence with Cypress Creek, in Wimberley, Hays 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	12/01/11 - 11/30/18	4	30		1	3.50	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	30		1	3.50	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	12/01/11 - 11/30/18	126	41	63.24	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	12/01/11 - 11/30/18	50	32	13.23	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	32	36.45	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	179	323.27	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	33		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	33		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	41		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	41		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	41		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.30	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	Nitrate	12/01/11 - 11/30/18	10	41	0.27	0		AD	FS	☐	FS		

AUID: 1813_03 From the confluence with Rogers Branch up to the confluence with Hinds Branch in Blanco, 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	12/01/11 - 11/30/18	4	31		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	31		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	12/01/11 - 11/30/18	126	31	26.06	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	12/01/11 - 11/30/18	50	32	13.23	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	32	36.45	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	179	323.27	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	32		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	32		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	29		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	34		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	33		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	32		1	6.94	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.30	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	12/01/11 - 11/30/18	4	25	0.19	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	31	0.16	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

AUID: 1813_04 From the confluence with Hinds Branch in Blanco County, Texas up to the confluence with Meier Creek in Kendall County, Texas.

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	32	13.23	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	32	36.45	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	179	323.27	0		AD	FS	☐	FS		

AUID: 1813_05 From the confluence with Cypress Creek in Wimberley, Hays County, Texas up to the confluence with Rogers Branch in Blanco 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	12/01/11 - 11/30/18	4	64		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	64		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	12/01/11 - 11/30/18	126	54	57.78	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	12/01/11 - 11/30/18	50	32	13.23	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	32	36.45	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	179	323.27	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	72		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	72		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	54		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	54		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	54		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.30	72		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	12/01/11 - 11/30/18	10	54	0.42	0		AD	FS	☐	FS		

SEGID: 1814 Upper San Marcos River

AUID: 1814_01 From a point 1.0 km (0.6 mi) upstream of the confluence of the Blanco River upstream to the discharge canal from A. E. Woods Fish Hatchery in San Marcos

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	28	18.79	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	28	26.48	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	298	370.45	0		AD	FS	☐	FS		

AUID: 1814_02 From the discharge canal from A. E. Woods Fish Hatchery in San Marcos upstream to the northbound lanes of IH 35 in San Marcos

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	28	18.79	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	28	26.48	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	298	370.45	0		AD	FS	☐	FS		

AUID: 1814_03 From the northbound lanes of IH 35 in San Marcos upstream to the Spring Lake dam in San Marcos

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	27		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	27		0		AD	NC	☐	NC		
Toxic Substances in sediment	Benzene	12/01/11 - 11/30/18	2,870	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Ethylbenzene	12/01/11 - 11/30/18	7,880	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Toluene	12/01/11 - 11/30/18	20,290	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Xylene	12/01/11 - 11/30/18	12,010	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	12/01/11 - 11/30/18	126	27	100.65	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	12/01/11 - 11/30/18	50	28	18.79	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	28	26.48	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	298	370.45	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	28		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	28		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	27		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	26		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	24		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	26.70	28		0		AD	FS	☐	FS		

AUID: 1814_03 From the northbound lanes of IH 35 in San Marcos upstream to the Spring Lake dam in San Marcos

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	16	0.15	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	28	1.27	0		AD	FS	☐	FS		

AUID: 1814_04 From the Spring Lake dam upstream to a point 0.7 km (0.4 mi) upstream of Loop 82, including Spring Lake, in San Marcos

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	28	18.79	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	28	26.48	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	298	370.45	0		AD	FS	☐	FS		

SEGID: 1815 Cypress Creek

AUID: 1815_01 Lower 7 mi of segment

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	6	12		4	4.95	AD	NS	☐	NS	Depressed dissolved oxygen in water	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	4	12		2	3.05	AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	129		8	3.13	SM	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	129		23	4.28	SM	NA	☐	NA		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	52	3	45			AD	NS	☐	NS	Impaired fish community in water	5c
Habitat	Habitat	12/01/11 - 11/30/18	26	3	18			AD	CS	☐	CS	Impaired habitat in water	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	36	2	26			AD	NS	☐	NS	Impaired macrobenthic community in water	5c
Toxic Substances in sediment	Benzene	12/01/11 - 11/30/18	2,870	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Ethylbenzene	12/01/11 - 11/30/18	7,880	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Toluene	12/01/11 - 11/30/18	20,290	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Xylene	12/01/11 - 11/30/18	12,010	2		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	12/01/11 - 11/30/18	126	143	66.67	0		AD	FS	☐	FS		

AUID: 1815_01 Lower 7 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	12/01/11 - 11/30/18	50	27	23.51	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	27	24.19	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	138	377.60	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	133		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	133		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	152		3	0.42	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	152		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	152		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	30	141		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	12/01/11 - 11/30/18	10	143	0.37	0		AD	FS	☐	FS		

AUID: 1815_02 Upper 7 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	12/01/11 - 11/30/18	50	27	23.51	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	27	24.19	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	138	377.60	0		AD	FS	☐	FS		

SEGID: 1816 Johnson Creek

AUID: 1816_01 From the confluence with the Guadalupe River in Kerr County to a point 1.2 km (0.7 mi) upstream of the most upstream crossing of SH 41 in Kerr County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	6	2		0		SM	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	4	2		0		SM	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	30		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	30		1	5.90	AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	52	2	53			AD	FS	☐	FS		
Habitat	Habitat	12/01/11 - 11/30/18	26	2	24			AD	CS	☐	CS	Impaired habitat in water	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	36	2	36			AD	FS	☐	FS		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	28	92.28	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	12/01/11 - 11/30/18	50	28	26.38	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	28	12.36	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	31	304.68	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	30		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	30		0		AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	28		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	30	30		0		AD	FS	☐	FS		

AUID: 1816_01 From the confluence with the Guadalupe River in Kerr County to a point 1.2 km (0.7 mi) upstream of the most upstream crossing of SH 41 in Kerr County

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	28	0.30	0		AD	FS	☐	FS		

SEGID: 1817 North Fork Guadalupe River

AUID: 1817_01 From the confluence with the Guadalupe River in Kerr County to a point 18.2 km (11.3 mi) upstream of Boneyard Draw in Kerr County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	6	2		0		SM	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	4	2		0		SM	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	30		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	30		0		AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	52	2	50			AD	NS	☐	NS	Impaired fish community in water	5c
Habitat	Habitat	12/01/11 - 11/30/18	26	2	24			AD	CS	☐	CS	Impaired habitat in water	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	36	2	34			AD	NS	☐	NS	Impaired macrobenthic community in water	5c

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	28	45.94	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	12/01/11 - 11/30/18	50	28	10.48	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	28	6.40	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	30	249.67	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	30		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	30		0		AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	28		1	23.60	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	28		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	30	30		0		AD	FS	☐	FS		

AUID: 1817_01 From the confluence with the Guadalupe River in Kerr County to a point 18.2 km (11.3 mi) upstream of Boneyard Draw in Kerr County

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	28	0.25	0		AD	FS	☐	FS		

SEGID: 1818 South Fork Guadalupe River

AUID: 1818_01 Lower 1.5 mi of segment

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	6	2		0		SM	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	4	2		0		SM	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	30		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	30		3	5.70	AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	52	2	51			AD	NS	☐	NS	Impaired fish community in water	5c
Habitat	Habitat	12/01/11 - 11/30/18	26	2	25			AD	CS	☐	CS	Impaired habitat in water	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	36	2	33			AD	NS	☐	NS	Impaired macrobenthic community in water	5c

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	28	22.49	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	12/01/11 - 11/30/18	50	28	10.95	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	28	8.36	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	30	277.62	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	30		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	30		0		AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	28		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	30	30		0		AD	FS	☐	FS		

AUID: 1818_01 Lower 1.5 mi of segment

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	28	0.16	0		AD	FS	☐	FS		