

Explanation of Column Headings

SEGID: The unique identifier (SegID), segment name, and location of the water body. Items may be one of three types of numbers for SegID. The first type is a classified segment number (4 digits, e.g., 0218), as defined in the Texas Surface Water Quality Standards. The second type is an unclassified water body (e.g., 0218A), not defined in the Standards and associated with a classified water body because it is in the same watershed. The third type includes special Segments for Oyster Water Use (e.g., 2421OW) and Beach Watch Use (e.g., 2481CB) special areas. The segment name and description follow SegID.

AU ID: Identifies the assessment unit (AU_ID, six or seven digits, e.g., 0101A_01) and describes the location of the specific area within a classified or unclassified water body for which one or more water quality standards are not met.

Start Date: The start date of the period of record data for this method was selected; the official 2024 period of record is from 12/1/2015 to 11/30/2022. In some cases it may be necessary to extend the period of record back 10 years (12/1/2012) to select more data, according to assessment guidance.

End Date: The end date of the period of record data for this method was selected; the official 2024 period of record dates are 12/1/2015 to 11/30/2022. In some cases more recently collected data than 12/01/2022 can be included, if available

#Data Assessed: Number of samples assessed some data are averaged, as with profile data, some are eliminated because criteria do not apply during certain conditions such a s low flow.

Mean Data Assessed: Mean of samples assessed includes averaged methods like chronic criteria as well as geometric mean calculations for bacteria.

Exceedances: Number of samples that exceed criteria for single sample, or binomial, methods (not averaged data).

Mean Exceedances: Mean of the samples that exceeded criteria for the single sample, or binomial, methods (not averaged data).

Criteria: Value that the data is compared to determine the 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 characteristics of the methods or dataset used in the assessment:

- 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 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:** There is insufficient or unreliable available data and/or information to make a use support determination.
- Category 4:** Available data and/or information indicate that at least one designated use is not being supported or is threatened, but a TMDL is not needed.
 - Category 4a:** A state-developed TMDL has been approved by EPA or a TMDL has been established by EPA for any water-pollutant combination.
 - Category 4b:** Other required control measures are expected to result in the attainment of an applicable water quality standard in a reasonable period of time.
 - Category 4c:** The impairment or threat is not caused by a pollutant.
- Category 5:** Available data and/or information indicate that at least one designated use is not being supported or is threatened, and a TMDL is needed.
 - Category 5a:** A TMDL is underway, scheduled, or will be scheduled.
 - Category 5b:** A review of the standards for the water body will be conducted before a management strategy is selected.
 - Category 5c:** Additional data and information will be collected or evaluated before a management strategy is selected.
 - Category 5n:** Water body does not meet its applicable Chl a criterion, but additional study is needed to verify whether exceedance is associated with causal nutrient parameters or impacts to response variables.
 - Category 5r:** A WPP is under development or accepted by EPA for this parameter.

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1801 - Guadalupe River Tidal AU ID: 1801_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	19	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	19	.	1	4.6	AD	NC	N	NC		
General Use	High pH	pH	12/01/15	11/30/22	9	19	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	19	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.46	16	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.1	17	.	16	2.72	AD	CS	N	CS	Nitrate in water	
		Total phosphorus	12/01/15	11/30/22	0.66	17	.	1	1.32	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	21	18	.	1	22.3	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	35	19	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	Enterococcus	05/01/13	11/30/22	35	20	57.78	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 1802 - Guadalupe River Below San Antonio River AU ID: 1802_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	81	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	81	.	1	3.6	AD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	150	81	73.32	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	700	81	463.31	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	100	81	54.71	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	81	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	81	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	81	.	56	3.22	AD	CS	N	CS	Nitrate in water	
		Total phosphorus	12/01/15	11/30/22	0.69	81	.	1	0.8	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	42	.	1	0.82	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	81	.	7	23.3	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	82	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	81	2.66	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	81	72.46	0	.	AD	FS	N	FS		

Seg ID: 1803 - Guadalupe River Below San Marcos River AU ID: 1803_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	136	33.88	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	136	351.31	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	136	32.67	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Nitrate in water	
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	136	1.09	0	.	AD	FS	N	FS		

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1803 - Guadalupe River Below San Marcos River AU ID: 1803_02															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	100	136	32.67	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	136	351.31	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	100	136	33.88	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	136	1.09	0	.	AD	FS	N	FS		

Seg ID: 1803 - Guadalupe River Below San Marcos River AU ID: 1803_03															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	108	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	108	.	3	4.53	AD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	100	136	32.67	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	100	136	33.88	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	136	351.31	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	108	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	108	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	67	.	1	1.27	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	108	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	108	.	8	23.48	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	108	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	108	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	136	1.09	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	108	78.3	0	.	AD	FS	N	FS		

Seg ID: 1803 - Guadalupe River Below San Marcos River AU ID: 1803_04															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	28	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	136	33.88	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	136	351.31	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	136	32.67	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	28	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	28	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	28	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	28	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	28	.	1	18.3	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	28	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	28	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	136	1.09	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	28	101.26	0	.	AD	FS	N	FS		

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1803 - Guadalupe River Below San Marcos River AU ID: 1803_05															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	100	136	32.67	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	100	136	33.88	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	136	351.31	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	136	1.09	0	.	AD	FS	N	FS		

Seg ID: 1803A - Elm Creek AU ID: 1803A_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	3	11	.	1	2.8	AD	FS	N	FS		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	2	11	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	7	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	7	.	0	.	SM	NC	N	NA		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	36	2	41	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/15	11/30/22	20	2	20	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	22	2	26.11	.	.	AD	FS	N	FS		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	14	.	1	0.95	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	14	.	1	0.98	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	14	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	14	.	9	43.8	AD	CS	N	CS	Chlorophyll-a in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	7	455.01	1	.	LD	CN	N	CN	Bacteria in water	

Seg ID: 1803B - Sandies Creek AU ID: 1803B_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	3	10	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	2	10	.	1	1.7	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	67	.	4	1.58	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	67	.	5	1.76	SM	NC	N	NA		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	35	2	42.77	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/15	11/30/22	14	2	19	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	22	2	30.75	.	.	AD	FS	N	FS		
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	82	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	82	.	11	28.91	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	44	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	82	.	6	0.84	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	76	203.87	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 1803B - Sandies Creek AU ID: 1803B_02															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	3	4	.	0	.	TR	NC	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	2	4	.	0	.	TR	NC	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	8	.	0	.	LD	NC	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	8	.	0	.	LD	NC	Y	CS	Depressed dissolved oxygen in water	

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1803B - Sandies Creek AU ID: 1803B_02																
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	8	348.77	1	.	LD	CN	Y	NS	Bacteria in water	5c	

Seg ID: 1803C - Peach Creek AU ID: 1803C_01																
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Acute Toxic Substances in water	Aluminum (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	PI			
	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	14	.	4	2.7	AD	NS	N	NS	Depressed dissolved oxygen in water	5c	
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	14	.	4	1.15	AD	NS	N	NS	Depressed dissolved oxygen in water	5c	
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	69	.	2	1.9	SM	FS	Y	NS	Depressed dissolved oxygen in water	5c	
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	69	.	7	3.49	SM	NC	N	NA			
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	42	2	42	.	.	AD	FS	N	FS			
	Habitat	Habitat	12/01/15	11/30/22	20	2	24	.	.	AD	NC	N	NC			
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	30	2	25	.	.	AD	NS	N	CN	Impaired macrobenthic community in water		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	42	.	1	0.67	AD	NC	N	NC			
		Total phosphorus	12/01/15	11/30/22	0.69	82	.	2	0.82	AD	NC	N	NC			
		Chlorophyll-a	12/01/15	11/30/22	14.1	81	.	3	41	AD	NC	N	NC			
		Nitrate	12/01/15	11/30/22	1.95	82	.	0	.	AD	NC	N	NC			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	67	174.92	1	.	AD	NS	N	NS	Bacteria in water	5c	

Seg ID: 1803C - Peach Creek AU ID: 1803C_03															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	3	.	2	3.15	ID	NA	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	3	.	1	1.2	ID	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	9	.	4	2.7	SM	NS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	9	.	7	3.17	SM	CS	N	NA		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Total Phosphorus in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	9	514.33	1	.	LD	CN	Y	NS	Bacteria in water	5c

Seg ID: 1804 - Guadalupe River Below Comal River AU ID: 1804_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	28	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	248	28.77	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	248	23.74	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	248	346.37	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	28	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	28	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	28	.	2	16	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	28	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	28	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	28	.	2	2.06	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	28	.	0	.	AD	FS	N	FS		

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1804 - Guadalupe River Below Comal River AU ID: 1804_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	248	1.4	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	28	27.11	0	.	AD	FS	N	FS		

Seg ID: 1804 - Guadalupe River Below Comal River AU ID: 1804_02															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	20	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	20	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	100	248	23.74	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	248	346.37	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	248	28.77	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	20	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	20	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	28	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	28	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	28	.	5	2.12	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	28	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	20	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	248	1.4	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	28	58.38	0	.	AD	FS	N	FS		

Seg ID: 1804 - Guadalupe River Below Comal River AU ID: 1804_03															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	82	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	82	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	400	248	346.37	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	248	23.74	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	248	28.77	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	82	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	82	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	82	.	2	2.38	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	82	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	82	.	11	24.05	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	41	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	82	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	248	1.4	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	82	22	0	.	AD	FS	N	FS		

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1804 - Guadalupe River Below Comal River AU ID: 1804_04															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	82	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	82	.	1	4.2	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	400	248	346.37	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	248	23.74	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	248	28.77	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	82	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	82	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	41	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	82	.	3	21.33	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	82	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	82	.	8	2.08	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	82	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	248	1.4	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	82	140.66	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 1804 - Guadalupe River Below Comal River AU ID: 1804_05															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	28	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	100	248	23.74	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	248	346.37	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	248	28.77	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	28	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	28	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	28	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	28	.	2	17	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	28	.	1	2.22	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	28	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	28	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	248	1.4	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	28	29.25	0	.	AD	FS	N	FS		

Seg ID: 1804A - Geronimo Creek AU ID: 1804A_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	81	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	81	.	0	.	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	41	2	51.38	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/15	11/30/22	20	2	21.5	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	29	2	41.08	.	.	AD	FS	N	FS		

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1804A - Geronimo Creek AU ID: 1804A_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	82	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	41	.	1	0.39	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	82	.	82	10.83	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/15	11/30/22	14.1	82	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	81	264.23	1	.	AD	NS	N	NS	Bacteria in water	5r

Seg ID: 1804D - Bear Creek AU ID: 1804D_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

Seg ID: 1805 - Canyon Lake AU ID: 1805_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	101	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	101	.	0	.	AD	NC	N	NC		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	50	158	19.96	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	158	21.31	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	170	260.73	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	101	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	101	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	101	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	54	0.15	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	158	0.11	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	101	3.48	0	.	AD	FS	N	FS		

Seg ID: 1805 - Canyon Lake AU ID: 1805_02															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	19	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	19	.	0	.	AD	NC	N	NC		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	50	158	19.96	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	170	260.73	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	158	21.31	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	18	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	18	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	FS	N	FS		

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1805 - Canyon Lake AU ID: 1805_02															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	158	0.11	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	54	0.15	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	08/01/15	11/30/22	126	20	0.72	0	.	AD	FS	N	FS		

Seg ID: 1805 - Canyon Lake AU ID: 1805_03															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	19	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	19	.	1	5.45	AD	NC	N	NC		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	400	170	260.73	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	158	21.31	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	158	19.96	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	18	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	18	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	23	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	54	0.15	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	158	0.11	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	08/01/15	11/30/22	126	21	0.93	0	.	AD	FS	N	FS		

Seg ID: 1805 - Canyon Lake AU ID: 1805_04															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	19	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	19	.	2	5.51	AD	NC	N	NC		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	158	21.31	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	158	19.96	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	170	260.73	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	19	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	19	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	23	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	158	0.11	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	54	0.15	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	08/01/15	11/30/22	126	21	0.92	0	.	AD	FS	N	FS		

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1805A - Rebecca Creek AU ID: 1805A_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Fish Community (Regional)	Fish community	12/01/15	11/30/22	12	2	46.77	.	.	AD	FS	N	FS		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	10	2	28.57	.	.	AD	FS	N	FS		

Seg ID: 1805A - Rebecca Creek AU ID: 1805A_02															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	2	2	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	1.5	2	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	1.5	2	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	2	2	.	0	.	ID	NA	N	NA		
	Habitat	Habitat	12/01/15	11/30/22	20	2	23.5	.	.	AD	NC	N	NC		

Seg ID: 1806 - Guadalupe River Above Canyon Lake AU ID: 1806_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	62	.	1	3	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	62	.	2	4.1	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	318	18.7	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	319	22.75	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	643	307.77	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	62	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	62	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	79	.	1	22.5	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	80	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	41	.	1	0.52	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	80	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	62	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	318	0.33	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	76	61.74	0	.	AD	FS	N	FS		

Seg ID: 1806 - Guadalupe River Above Canyon Lake AU ID: 1806_02															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	6	4	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	4	4	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	116	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	116	.	4	5.33	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	52	4	50.15	.	.	AD	NS	N	CN	Impaired fish community in water	
	Habitat	Habitat	12/01/15	11/30/22	26	4	25.25	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	36	4	36.87	.	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	318	18.7	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	319	22.75	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	643	307.77	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	116	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	116	.	0	.	AD	FS	N	FS		

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1806 - Guadalupe River Above Canyon Lake AU ID: 1806_02															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	108	.	1	15.3	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	112	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	20	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	108	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	116	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	318	0.33	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	112	52.61	0	.	AD	FS	N	FS		

Seg ID: 1806 - Guadalupe River Above Canyon Lake AU ID: 1806_08															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	6	2	.	1	4.9	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	4	2	.	1	3.4	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	43	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	43	.	0	.	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	52	2	53	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/15	11/30/22	20	2	24	.	.	AD	CS	N	CS	Impaired habitat in water	
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	36	2	36	.	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	400	643	307.77	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	318	18.7	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	319	22.75	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	43	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	43	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	43	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	43	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	43	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	43	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	42	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	318	0.33	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	41	136.82	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 1806 - Guadalupe River Above Canyon Lake AU ID: 1806_09															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	83	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	83	.	2	5.6	AD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	50	319	22.75	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	643	307.77	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	318	18.7	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	83	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	83	.	0	.	AD	FS	N	FS		

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1806 - Guadalupe River Above Canyon Lake AU ID: 1806_09															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	27	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	27	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	28	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	83	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	318	0.33	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	83	126.75	1	.	AD	CN	N	CN	Bacteria in water	

Seg ID: 1806 - Guadalupe River Above Canyon Lake AU ID: 1806_10															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	280	.	2	3.7	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	280	.	20	5.09	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	318	18.7	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	643	307.77	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	319	22.75	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	280	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	280	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	27	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	28	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	27	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	280	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	318	0.33	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	280	68.78	0	.	AD	FS	N	FS		

Seg ID: 1806 - Guadalupe River Above Canyon Lake AU ID: 1806_11															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	8	.	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	8	.	0	.	LD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	50	319	22.75	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	643	307.77	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	318	18.7	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	8	.	0	.	LD	NC	N	NC		
	Low pH	pH	12/01/15	11/30/22	6.5	8	.	0	.	LD	NC	N	NC		
	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	13	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	13	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	12	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	8	.	0	.	LD	NC	N	NC		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	318	0.33	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	13	18.54	0	.	LD	NC	N	NC		

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1806 - Guadalupe River Above Canyon Lake AU ID: 1806_12															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	6	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	4	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	30	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	30	.	1	5.9	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	52	2	50.41	.	.	AD	NS	N	CN	Impaired fish community in water	
	Habitat	Habitat	12/01/15	11/30/22	20	2	24	.	.	AD	CS	N	CS	Impaired habitat in water	
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	36	2	38.4	.	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	318	18.7	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	319	22.75	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	643	307.77	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	30	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	30	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	27	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	28	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	27	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	30	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	318	0.33	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	28	35.25	0	.	AD	FS	N	FS		

Seg ID: 1806A - Camp Meeting Creek AU ID: 1806A_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	37	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	37	.	4	4.25	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	27	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	27	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	28	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	37	177.05	1	.	AD	NS	N	NS	Bacteria in water	4a

Seg ID: 1806D - Quinlan Creek AU ID: 1806D_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	44	.	1	0.8	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	44	.	1	0.8	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	35	205.71	1	.	AD	NS	N	NS	Bacteria in water	4a

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1806E - Town Creek AU ID: 1806E_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	70	.	1	2.3	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	70	.	4	3.98	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	70	329.93	1	.	AD	NS	N	NS	Bacteria in water	4a

Seg ID: 1806I - Honey Creek AU ID: 1806I_01																
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	7	.	0	.	LD	NC	N	NC			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	7	.	0	.	LD	NC	N	NC			
General Use	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	7	.	0	.	LD	NC	N	NC			
		Ammonia	12/01/15	11/30/22	0.33	7	.	0	.	LD	NC	N	NC			
		Nitrate	12/01/15	11/30/22	1.95	7	.	0	.	LD	NC	N	NC			
		Chlorophyll-a	12/01/15	11/30/22	14.1	7	.	0	.	LD	NC	N	NC			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	7	43.63	0	.	LD	NC	N	NC			

Seg ID: 1807 - Coleta Creek AU ID: 1807_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	250	82	31.98	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	100	82	13.46	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	82	244.61	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water	
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	82	0.03	0	.	AD	FS	N	FS		

Seg ID: 1807 - Coleta Creek AU ID: 1807_02																
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	82	.	1	2	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	82	.	4	3.8	AD	NC	N	NC			
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	82	13.46	0	.	AD	FS	N	FS			
		Chloride	12/01/15	11/30/22	250	82	31.98	0	.	AD	FS	N	FS			
		Total dissolved solids	12/01/15	11/30/22	500	82	244.61	0	.	AD	FS	N	FS			
	High pH	pH	12/01/15	11/30/22	9	82	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/15	11/30/22	6.5	82	.	0	.	AD	FS	N	FS			
	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	82	.	0	.	AD	NC	N	NC			
		Chlorophyll-a	12/01/15	11/30/22	14.1	82	.	45	19.84	AD	CS	N	CS	Chlorophyll-a in water		
		Ammonia	12/01/15	11/30/22	0.33	47	.	0	.	AD	NC	N	NC			
		Total phosphorus	12/01/15	11/30/22	0.69	81	.	0	.	AD	NC	N	NC			
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	82	.	4	35.13	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	82	0.03	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	82	4.66	0	.	AD	FS	N	FS			

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1807A - Perdido Creek AU ID: 1807A_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	3	1	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	2	1	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	2	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	2	.	0	.	ID	NA	N	NA		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	11	1	31.69	.	.	LD	NC	N	NC		
	Habitat	Habitat	12/01/15	11/30/22	14	1	18	.	.	LD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	11	1	31.04	.	.	LD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	1	.	0	.	ID	NA	N	NA		
		Nitrate	12/01/15	11/30/22	1.95	1	.	0	.	ID	NA	N	NA		
		Chlorophyll-a	12/01/15	11/30/22	14.1	1	.	0	.	ID	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.33	1	.	0	.	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	1	220	1	.	ID	NA	N	NA		

Seg ID: 1808 - Lower San Marcos River AU ID: 1808_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	28	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	133	32.32	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	60	134	28.75	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	134	363.2	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	28	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	28	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	28	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	28	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	28	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	28	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	28	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	131	1.26	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	23	0.16	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	28	137.92	1	.	AD	CN	N	CN	Bacteria in water	

Seg ID: 1808 - Lower San Marcos River AU ID: 1808_02															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	133	32.32	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	60	134	28.75	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	134	363.2	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	23	0.16	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	131	1.26	0	.	AD	FS	N	FS		

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1808 - Lower San Marcos River AU ID: 1808_03															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	77	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	77	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	133	32.32	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	60	134	28.75	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	134	363.2	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	77	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	77	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	81	.	2	20.65	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	82	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	41	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	82	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	77	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	23	0.16	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	131	1.26	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	82	67.23	0	.	AD	FS	N	FS		

Seg ID: 1808 - Lower San Marcos River AU ID: 1808_04															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	24	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	24	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	133	32.32	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	60	134	28.75	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	134	363.2	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	25	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	25	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	24	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	23	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	22	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	21	.	1	2.18	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	25	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	131	1.26	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	23	0.16	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	21	133.21	1	.	AD	CN	N	CN	Bacteria in water	

Seg ID: 1809 - Lower Blanco River AU ID: 1809_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	22	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	22	.	1	4.3	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	41	2	45.55	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/15	11/30/22	20	2	25	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	29	2	33.94	.	.	AD	FS	N	FS		

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1809 - Lower Blanco River AU ID: 1809_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	31	28.04	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	33	16.94	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	33	318.46	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	22	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	22	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	21	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	23	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	21	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	20	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.3	22	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	28	0.32	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	31	0.15	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	11/01/15	11/30/22	126	20	48.49	0	.	AD	FS	N	FS		

Seg ID: 1809 - Lower Blanco River AU ID: 1809_02															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	12	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	12	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	31	28.04	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	33	16.94	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	33	318.46	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	12	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	12	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	20	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	23	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	23	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	22	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.3	12	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	28	0.32	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	31	0.15	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	05/01/13	11/30/22	126	20	14.06	0	.	AD	FS	N	FS		

Seg ID: 1810 - Plum Creek AU ID: 1810_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	82	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	82	.	2	4.45	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	42	2	35.51	.	.	AD	NS	N	CN	Impaired fish community in water	
	Habitat	Habitat	12/01/15	11/30/22	20	2	22	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	30	2	31.04	.	.	AD	FS	N	FS		

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1810 - Plum Creek AU ID: 1810_01																
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	150	242	82.05	0	.	AD	FS	N	FS			
		Chloride	12/01/15	11/30/22	350	242	121.61	0	.	AD	FS	N	FS			
		Total dissolved solids	12/01/15	11/30/22	1120	241	613.91	0	.	AD	FS	N	FS			
	High pH	pH	12/01/15	11/30/22	9	83	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/15	11/30/22	6.5	83	.	0	.	AD	FS	N	FS			
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	81	.	2	19.05	AD	NC	N	NC			
		Total phosphorus	12/01/15	11/30/22	0.69	82	.	29	1.11	AD	CS	N	CS	Total Phosphorus in water		
		Ammonia	12/01/15	11/30/22	0.33	42	.	2	0.61	AD	NC	N	NC			
		Nitrate	12/01/15	11/30/22	1.95	82	.	58	3.93	AD	CS	N	CS	Nitrate in water		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	84	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	242	4.76	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	82	245.74	1	.	AD	NS	N	NS	Bacteria in water	4b	

Seg ID: 1810 - Plum Creek AU ID: 1810_02																
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	79	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	79	.	1	4	AD	NC	N	NC			
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Impaired fish community in water		
	Habitat	Habitat	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Impaired habitat in water		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	150	242	82.05	0	.	AD	FS	N	FS			
		Chloride	12/01/15	11/30/22	350	242	121.61	0	.	AD	FS	N	FS			
		Total dissolved solids	12/01/15	11/30/22	1120	241	613.91	0	.	AD	FS	N	FS			
	High pH	pH	12/01/15	11/30/22	9	79	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/15	11/30/22	6.5	79	.	0	.	AD	FS	N	FS			
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	79	.	3	20.33	AD	NC	N	NC			
		Total phosphorus	12/01/15	11/30/22	0.69	80	.	51	1.26	AD	CS	N	CS	Total Phosphorus in water		
		Ammonia	12/01/15	11/30/22	0.33	41	.	2	1.55	AD	NC	N	NC			
		Nitrate	12/01/15	11/30/22	1.95	80	.	69	6.25	AD	CS	N	CS	Nitrate in water		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	79	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	242	4.76	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	80	301.12	1	.	AD	NS	N	NS	Bacteria in water	4b	

Seg ID: 1810 - Plum Creek AU ID: 1810_03																
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	80	.	5	2.46	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	80	.	17	3.46	AD	CS	N	CS	Depressed dissolved oxygen in water		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Impaired macrobenthic community in water		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	150	242	82.05	0	.	AD	FS	N	FS			
		Chloride	12/01/15	11/30/22	350	242	121.61	0	.	AD	FS	N	FS			
		Total dissolved solids	12/01/15	11/30/22	1120	241	613.91	0	.	AD	FS	N	FS			
	Fish Kill Reports	Fish Kill Reports	12/01/15	11/30/22	.	0	.	.	.	OE	CN	N	CN	Fish kill in water		
	High pH	pH	12/01/15	11/30/22	9	80	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/15	11/30/22	6.5	80	.	0	.	AD	FS	N	FS			

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1810 - Plum Creek AU ID: 1810_03																
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	79	.	5	18.66	AD	NC	N	NC			
		Total phosphorus	12/01/15	11/30/22	0.69	80	.	56	1.98	AD	CS	N	CS	Total Phosphorus in water		
		Ammonia	12/01/15	11/30/22	0.33	40	.	14	3.19	AD	CS	N	CS	Ammonia in water		
		Nitrate	12/01/15	11/30/22	1.95	80	.	61	7.1	AD	CS	N	CS	Nitrate in water		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	80	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	242	4.76	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	80	357.33	1	.	AD	NS	N	NS	Bacteria in water	4b	

Seg ID: 1810A - Town Branch AU ID: 1810A_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	2	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	2	.	0	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	41	2	41.7	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/15	11/30/22	20	2	23	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	29	2	30.75	.	.	AD	FS	N	FS		
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

Seg ID: 1810B - Clear Fork Plum Creek AU ID: 1810B_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	2	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	2	.	0	.	ID	NA	N	NA		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	42	2	42.6	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/15	11/30/22	20	2	22.5	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	30	2	31.04	.	.	AD	FS	N	FS		

Seg ID: 1811 - Comal River AU ID: 1811_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	81	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	81	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	164	28.59	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	164	19.33	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	164	379.66	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	81	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	81	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	82	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	82	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	40	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	82	.	14	2.01	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	81	.	0	.	AD	FS	N	FS		

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1811 - Comal River AU ID: 1811_01																
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	164	1.86	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	82	161.04	1	.	AD	NS	N	NS	Bacteria in water	5r	

Seg ID: 1811 - Comal River AU ID: 1811_02																
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	80	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	80	.	0	.	AD	NC	N	NC			
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	164	28.59	0	.	AD	FS	N	FS			
		Chloride	12/01/15	11/30/22	50	164	19.33	0	.	AD	FS	N	FS			
		Total dissolved solids	12/01/15	11/30/22	400	164	379.66	0	.	AD	FS	N	FS			
	High pH	pH	12/01/15	11/30/22	9	80	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/15	11/30/22	6.5	80	.	0	.	AD	FS	N	FS			
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	82	.	0	.	AD	NC	N	NC			
		Total phosphorus	12/01/15	11/30/22	0.69	82	.	0	.	AD	NC	N	NC			
		Ammonia	12/01/15	11/30/22	0.33	41	.	0	.	AD	NC	N	NC			
		Nitrate	12/01/15	11/30/22	1.95	82	.	14	2.02	AD	NC	N	NC			
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	80	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	164	1.86	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	82	84.61	0	.	AD	FS	N	FS			

Seg ID: 1811A - Dry Comal Creek AU ID: 1811A_01																
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	82	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	82	.	0	.	AD	NC	N	NC			
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	82	.	4	49.05	AD	NC	N	NC			
		Total phosphorus	12/01/15	11/30/22	0.69	82	.	0	.	AD	NC	N	NC			
		Ammonia	12/01/15	11/30/22	0.33	41	.	0	.	AD	NC	N	NC			
		Nitrate	12/01/15	11/30/22	1.95	82	.	0	.	AD	NC	N	NC			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	82	456.46	1	.	AD	NS	N	NS	Bacteria in water	5r	

Seg ID: 1812 - Guadalupe River Below Canyon Dam AU ID: 1812_01																
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	22	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	22	.	0	.	AD	NC	N	NC			

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1812 - Guadalupe River Below Canyon Dam AU ID: 1812_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	124	24.24	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	124	19.46	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	124	287.28	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	22	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	22	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	28	.	1	21.2	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	28	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	27	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	28	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	22	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	124	0.27	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	28	79.59	0	.	AD	FS	N	FS		

Seg ID: 1812 - Guadalupe River Below Canyon Dam AU ID: 1812_02															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	82	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	82	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	124	24.24	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	124	19.46	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	124	287.28	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	82	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	82	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	82	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	82	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	41	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	82	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	82	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	124	0.27	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	82	58.93	0	.	AD	FS	N	FS		

Seg ID: 1812 - Guadalupe River Below Canyon Dam AU ID: 1812_03															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	14	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	14	.	1	5.7	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	124	24.24	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	124	19.46	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	124	287.28	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	14	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	14	.	0	.	AD	FS	N	FS		

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1812 - Guadalupe River Below Canyon Dam AU ID: 1812_03															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	14	.	1	0.39	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	14	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	14	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	14	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	14	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	124	0.27	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	06/01/14	11/30/22	126	20	69.56	0	.	AD	FS	N	FS		

Seg ID: 1813 - Upper Blanco River AU ID: 1813_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	22	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	22	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	23	37.88	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	24	16.66	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	193	316.36	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	24	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	24	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	24	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	24	.	1	0.48	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	24	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.3	24	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	191	0.26	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	23	0.21	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	24	20.85	0	.	AD	FS	N	FS		

Seg ID: 1813 - Upper Blanco River AU ID: 1813_02															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	30	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	30	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	23	37.88	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	24	16.66	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	193	316.36	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	34	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	34	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	37	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	37	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	37	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.3	34	.	0	.	AD	FS	N	FS		

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1813 - Upper Blanco River AU ID: 1813_02															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	191	0.26	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	23	0.21	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	37	66.48	0	.	AD	FS	N	FS		

Seg ID: 1813 - Upper Blanco River AU ID: 1813_03															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	83	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	83	.	1	5.3	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	23	37.88	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	24	16.66	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	193	316.36	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	83	.	1	9.1	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	83	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	22	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	93	.	1	6.94	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	93	.	2	0.69	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	92	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.3	83	.	1	34.9	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	191	0.26	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	23	0.21	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	82	14.83	0	.	AD	FS	N	FS		

Seg ID: 1813 - Upper Blanco River AU ID: 1813_04															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	23	37.88	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	24	16.66	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	193	316.36	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	23	0.21	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	191	0.26	0	.	AD	FS	N	FS		

Seg ID: 1813 - Upper Blanco River AU ID: 1813_05															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	44	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	44	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	400	193	316.36	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	24	16.66	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	23	37.88	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	48	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	48	.	0	.	AD	FS	N	FS		

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1813 - Upper Blanco River AU ID: 1813_05															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	48	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	48	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	48	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.3	48	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	191	0.26	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	23	0.21	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	48	29.99	0	.	AD	FS	N	FS		

Seg ID: 1814 - Upper San Marcos River AU ID: 1814_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	26	28.93	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	26	21.09	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	26	403.33	1	.	AD	NS	N	NS	Total dissolved solids in water	5r
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	3	0.17	0	.	ID	NA	N	NA		
		Nitrate	12/01/15	11/30/22	10	26	1.24	0	.	AD	FS	N	FS		

Seg ID: 1814 - Upper San Marcos River AU ID: 1814_02															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	26	28.93	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	26	21.09	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	26	403.33	1	.	AD	NS	N	NS	Total dissolved solids in water	5r
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	3	0.17	0	.	ID	NA	N	NA		
		Nitrate	12/01/15	11/30/22	10	26	1.24	0	.	AD	FS	N	FS		

Seg ID: 1814 - Upper San Marcos River AU ID: 1814_03															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	26	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	26	28.93	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	26	21.09	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	26	403.33	1	.	AD	NS	N	NS	Total dissolved solids in water	5r
	High pH	pH	12/01/15	11/30/22	9	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	26	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	26	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	25	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	26	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	26	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	26.7	26	.	0	.	AD	FS	N	FS		

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1814 - Upper San Marcos River AU ID: 1814_03															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	26	1.24	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	3	0.17	0	.	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	93.79	0	.	AD	FS	N	FS		

Seg ID: 1814 - Upper San Marcos River AU ID: 1814_04															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	26	28.93	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	26	21.09	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	26	403.33	1	.	AD	NS	N	NS	Total dissolved solids in water	5r
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	3	0.17	0	.	ID	NA	N	NA		
		Nitrate	12/01/15	11/30/22	10	26	1.24	0	.	AD	FS	N	FS		

Seg ID: 1815 - Cypress Creek AU ID: 1815_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	6	26	.	6	4.87	AD	NS	N	NS	Depressed dissolved oxygen in water	5r
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	4	26	.	3	3.1	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	140	.	5	2.72	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	140	.	18	4.58	SM	CS	N	NA		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	52	4	44.69	.	.	AD	NS	N	NS	Impaired fish community in water	5c
	Habitat	Habitat	12/01/15	11/30/22	26	4	24.25	.	.	AD	CS	N	CS	Impaired habitat in water	
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	36	4	33.37	.	.	AD	NS	N	NS	Impaired macrobenthic community in water	5c
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	30	23.31	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	30	23.63	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	164	379.33	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	148	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	148	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	151	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	32	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	151	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	151	.	1	0.4	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	30	148	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	148	0.29	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	4	0.13	0	.	LD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	144	44.92	0	.	AD	FS	N	FS		

Seg ID: 1815 - Cypress Creek AU ID: 1815_02															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	50	30	23.63	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	30	23.31	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	164	379.33	0	.	AD	FS	N	FS		

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1815 - Cypress Creek AU ID: 1815_02															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	148	0.29	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	4	0.13	0	.	LD	NC	N	NC		

Seg ID: 1816 - Johnson Creek AU ID: 1816_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	6	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	4	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	30	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	30	.	0	.	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	52	2	53	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/15	11/30/22	20	2	24	.	.	AD	CS	N	CS	Impaired habitat in water	
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	36	2	36	.	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	27	12.46	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	27	24.22	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	31	305.96	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	30	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	30	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	27	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	28	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	27	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	30	30	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	27	0.34	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	28	83.25	0	.	AD	FS	N	FS		

Seg ID: 1817 - North Fork Guadalupe River AU ID: 1817_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	6	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	4	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	30	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	30	.	0	.	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	52	2	50.41	.	.	AD	NS	N	NS	Impaired fish community in water	5c
	Habitat	Habitat	12/01/15	11/30/22	20	2	24	.	.	AD	CS	N	CS	Impaired habitat in water	
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	36	2	33.91	.	.	AD	NS	N	NS	Impaired macrobenthic community in water	5c
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	27	6.44	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	27	10.12	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	30	250.19	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	30	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	30	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	27	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	5	.	0	.	LD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	27	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	28	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	30	30	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	27	0.25	0	.	AD	FS	N	FS		

2024 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River

Seg ID: 1817 - North Fork Guadalupe River AU ID: 1817_01																
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	28	44.13	0	.	AD	FS	N	FS			

Seg ID: 1818 - South Fork Guadalupe River AU ID: 1818_01																
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	6	3	.	0	.	SM	NA	N	NA			
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	4	3	.	0	.	SM	NA	N	NA			
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	31	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	31	.	1	5.4	AD	NC	N	NC			
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	52	3	51.97	.	.	TR	NS	Y	NS	Impaired fish community in water	5c	
	Habitat	Habitat	12/01/15	11/30/22	20	3	24.67	.	.	TR	CS	Y	CS	Impaired habitat in water		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	36	3	34.09	.	.	TR	NS	Y	NS	Impaired macrobenthic community in water	5c	
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	27	8.36	0	.	AD	FS	N	FS			
		Chloride	12/01/15	11/30/22	50	27	10.74	0	.	AD	FS	N	FS			
		Total dissolved solids	12/01/15	11/30/22	400	31	285.35	0	.	AD	FS	N	FS			
	High pH	pH	12/01/15	11/30/22	9	31	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/15	11/30/22	6.5	31	.	0	.	AD	FS	N	FS			
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	27	.	0	.	AD	NC	N	NC			
		Total phosphorus	12/01/15	11/30/22	0.69	28	.	0	.	AD	NC	N	NC			
		Nitrate	12/01/15	11/30/22	1.95	27	.	0	.	AD	NC	N	NC			
	Water Temperature	Water temperature	12/01/15	11/30/22	30	31	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	27	0.16	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	28	31.74	0	.	AD	FS	N	FS			

Seg ID: 1818 - South Fork Guadalupe River AU ID: 1818_03																
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	50	27	10.74	0	.	AD	FS	N	FS			
		Sulfate	12/01/15	11/30/22	50	27	8.36	0	.	AD	FS	N	FS			
		Total dissolved solids	12/01/15	11/30/22	400	31	285.35	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	27	0.16	0	.	AD	FS	N	FS			

Seg ID: 1818 - South Fork Guadalupe River AU ID: 1818_04																
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	400	31	285.35	0	.	AD	FS	N	FS			
		Chloride	12/01/15	11/30/22	50	27	10.74	0	.	AD	FS	N	FS			
		Sulfate	12/01/15	11/30/22	50	27	8.36	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	27	0.16	0	.	AD	FS	N	FS			

Seg ID: 1818 - South Fork Guadalupe River AU ID: 1818_05															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	50	27	10.74	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	27	8.36	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	31	285.35	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	27	0.16	0	.	AD	FS	N	FS		