

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

Report Abbreviations	Description:		
<b>SEGID:</b>	Unique Segment identification alpha-numeric code; can be stream, reservoir, estuary, oyster waters, beach watch, etc.		
<b>AUID:</b>	Unique Assessment Unit code; this is a portion of the segment the AUID begins with and ends with _01, _02, etc. Some AUIDs are special units ending in "SA," or oyster water AUIDs are indicated by "OW" and beach watch AUIDs are indicated by abbreviations for name of beach in AUID.		
<b>ASMT Start Date:</b>	The start date of the period of record data for this method was selected; the official 2018 period of record is from 12/1/2009 to 11/30/2016. Assessors have the option of going back 10 years (12/1/2006) to select more data, according to assessment guidance.		
<b>ASMT End Date:</b>	The end date of the period of record data for this method was selected; the official 2018 period of record dates are 12/1/2009 to 11/30/2016. Assessors have the option of including more recently collected data than 12/01/2016, if available.		
<b># Assd:</b>	Number of samples assessed; some data are averaged, as with profile data, some are eliminated because criteria do not apply during certain conditions such as a low flow.		
<b>Mean Assd:</b>	Mean of samples assessed; includes averaged methods like chronic criteria as well as geometric mean calculations for bacteria.		
<b># Exceed:</b>	The number of samples that exceed criteria for single sample, or binomial, methods (not averaged data).		
<b>Mean Exceed:</b>	This is the mean of the samples that exceeded criteria for the single sample, or binomial, methods (not averaged data).		
<b>Criteria:</b>	Value that the data is compared against to determine level of support; Note: for acute metals in water, each value is compared to a calculated criterion and not all criteria could be reported here, only the minimum in the range of criteria calculated are included.		
<b>DS Qual:</b>	<p><i>Dataset Qualifier - indicates sample sizes:</i></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <b>AD</b> = Adequate Data (10 or more samples)  <b>LD</b> = Limited Data (less than 9, greater than 3)  <b>ID</b> = Inadequate Data (less than 4)  <b>JQ</b> = Level of support is based on judgment of the assessor  <b>SM</b> = This assessment method is superseded by another method                 </td> <td style="width: 50%; vertical-align: top;"> <b>TR</b> = Temporally Not Representative, used with NA  <b>SR</b> = Spatially Not Representative, used with NA  <b>OE</b> = Other information than ambient samples evaluated  <b>OS</b> = Assessment area outside state boundaries                 </td> </tr> </table>	<b>AD</b> = Adequate Data (10 or more samples) <b>LD</b> = Limited Data (less than 9, greater than 3) <b>ID</b> = Inadequate Data (less than 4) <b>JQ</b> = Level of support is based on judgment of the assessor <b>SM</b> = This assessment method is superseded by another method	<b>TR</b> = Temporally Not Representative, used with NA <b>SR</b> = Spatially Not Representative, used with NA <b>OE</b> = Other information than ambient samples evaluated <b>OS</b> = Assessment area outside state boundaries
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<b>LOS:</b>	<p><i>Level of support for this use, method, assessment parameter:</i></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <b>FS</b> = Fully Supporting  <b>NC</b> = No Concern  <b>NA</b> = Not Assessed                 </td> <td style="width: 50%; vertical-align: top;"> <b>NS</b> = Nonsupport  <b>CS</b> = Screening Level Concern  <b>CN</b> = Use Concern                 </td> </tr> </table>	<b>FS</b> = Fully Supporting <b>NC</b> = No Concern <b>NA</b> = Not Assessed	<b>NS</b> = Nonsupport <b>CS</b> = Screening Level Concern <b>CN</b> = Use Concern
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<b>CF:</b>	Carry forward indicator check box: indicates that the Integrated level of support of CS, CN, or NS was carried forward from a previous assessment due to inadequate data for this method in this assessment.		
<b>Int LOS:</b>	Integrated level of support. This is the overall level of support for this use, method, parameter group, which could be different from the LOS (described above) due to carry forward information or other types of changes. New Code added in 2010: PI = Pending Issue		
<b>TCEQ Cause:</b>	This is the impairment description (e.g., bacteria, depressed dissolved oxygen, etc.)		
<b>Cat:</b>	<p><b>Category 3:</b> Insufficient or no data and information to determine if standard is attained</p> <p><b>Category 4:</b> Standard is not attained or nonattainment is predicted in the near future due to one or more parameters, but no TMDLs are required.</p> <p style="margin-left: 20px;"> <b>4a</b> - All TMDLs have been completed and approved by EPA.  <b>4b</b> - Other pollution control requirements are reasonably expected to result in the attainment of the water quality standard in the near future.  <b>4c</b> - Nonattainment of the standard for one or more parameters is shown to be caused by pollution, not by pollutants and that the water quality conditions cannot be changed by the allocation and control of pollutants through the TMDL process.                 </p> <p><b>Category 5:</b> Standard is not attained or nonattainment is predicted in the near future for one or more parameters.</p> <p style="margin-left: 20px;"> <b>5a</b> - TMDLs are underway, scheduled, or may be scheduled for one or more parameters.  <b>5b</b> - review of the standards for one or more parameters will be conducted before a management strategy is selected, including a possible revision to the water quality standards.  <b>5c</b> - Additional data or information will be collected and/or evaluated for one or more parameters before a management strategy is selected.                 </p>		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1801**

**Guadalupe River Tidal**

**AUID: 1801\_01**

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

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	27	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	27	3	4.57	AD	NC	<input type="checkbox"/>	NC				

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16	35	13	55.86	1	LD	NS	<input checked="" type="checkbox"/>	CN	bacteria			

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
High pH	pH	12/01/09 - 11/30/16	9	27	0		AD	FS	<input type="checkbox"/>	FS				
Low pH	pH	12/01/09 - 11/30/16	6.50	27	0		AD	FS	<input type="checkbox"/>	FS				
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.46	25	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	21	24	1	26.00	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.10	26	21	2.69	AD	CS	<input type="checkbox"/>	CS	nitrate			
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.66	21	0		AD	NC	<input type="checkbox"/>	NC				
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	27	0		AD	FS	<input type="checkbox"/>	FS				

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1802**

**Guadalupe River Below San Antonio River**

**AUID: 1802\_01**

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

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	74		1	2.60	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	74		6	4.17	AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	81	70.52	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	150	80	66.65	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	80	53.98	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	700	81	473.00	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	74		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	74		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	43		2	0.61	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	80		6	21.45	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	80		46	3.17	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	81		2	0.85	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	74		0		AD	FS	<input type="checkbox"/>	FS		

**Domestic Water Supply Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	80	2.35	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1803**

**Guadalupe River Below San Marcos River**

**AUID: 1803\_01**

Lower 25 mi of segment

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	137	30.65	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	137	31.80	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	146	340.87	0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95					ID	NA	<input checked="" type="checkbox"/>	CS	nitrate	

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1803\_02      From confluence with Coletto Creek 25 mi upstream

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	137	30.65	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	137	31.80	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	146	340.87	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	110		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	110		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	110	56.95	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	137	30.65	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	137	31.80	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	146	340.87	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	110		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	110		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	71		3	0.51	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	109		4	24.60	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	110		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	110		0	0.91	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	110		0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	110	0.73	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1803\_04 From 25 mi upstream of confluence with Coletto Creek to confluence with Sandies Creek

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	11		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	11		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	27		0		SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	27		0		SM	NA	<input type="checkbox"/>	NA		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	27	137.33	1		AD	CN	<input type="checkbox"/>	CN	bacteria	

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	137	30.65	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	137	31.80	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	146	340.87	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	27		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	27		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	27		2	0.47	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	27		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	27		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	27		0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	27	0.68	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1803\_05 From 25 mi upstream of confluence with Sandies Creek to upper end of segment

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	137	30.65	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	137	31.80	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	146	340.87	0		AD	FS	<input type="checkbox"/>	FS		



# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1803A**     **Elm Creek**

**AUID: 1803A\_01**     From the confluence of Sandies Creek east of Smiley in Gonzales County to the upstream perennial portion of the stream southwest of Smiley in Gonzales County

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5					ID	NA	<input checked="" type="checkbox"/>	CS	depressed dissolved oxygen	

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10					ID	NA	<input checked="" type="checkbox"/>	CS	chlorophyll-a	

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1803B**

**Sandies Creek**

**AUID: 1803B\_01** From the confluence with the Guadalupe River to the confluence with Elm Ck.

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5					SM	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3					SM	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	68		9	2.16	AD	CN	<input type="checkbox"/>	CN	depressed dissolved oxygen	
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	68		23	3.29	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	41					ID	NA	<input checked="" type="checkbox"/>	NS	impaired fish community	5b
Habitat	Habitat	12/01/09 - 11/30/16	20					ID	NA	<input checked="" type="checkbox"/>	CS	impaired habitat	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29					ID	NA	<input checked="" type="checkbox"/>	NS	impaired macrobenthic community	5b

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	81	247.22	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5b

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	42		3	0.57	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	79		10	34.44	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	80		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	80		8	0.98	AD	NC	<input type="checkbox"/>	NC		

## 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1803B\_02 From the confluence with Elm Creek to upper end of water body

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5					ID	NA	<input checked="" type="checkbox"/>	CS	depressed dissolved oxygen	

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126					ID	NA	<input checked="" type="checkbox"/>	NS	bacteria	5b

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1803C**

**Peach Creek**

**AUID: 1803C\_01** Lower 25 mi of water body

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum	12/01/09 - 11/30/16	991					ID	NA	<input checked="" type="checkbox"/>	PI		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	73		0		AD	FS	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	73		3	4.63	AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	73	191.62	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5b

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	43		2	0.40	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	81		1	20.80	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	82		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	82		0		AD	NC	<input type="checkbox"/>	NC		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1803C\_03 From approx. 1.2 mi downstream of FM 1680 in Gonzales County to confluence with Elm Creek In Fayette County

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	42	1	39			LD	CN	<input type="checkbox"/>	CN	impaired fish community	
Habitat	Habitat	12/01/09 - 11/30/16	20	1	20			LD	NC	<input type="checkbox"/>	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29	1	32			LD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126					ID	NA	<input checked="" type="checkbox"/>	NS	bacteria	5b

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10					ID	NA	<input checked="" type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69					ID	NA	<input checked="" type="checkbox"/>	CS	total phosphorus	

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1804**

**Guadalupe River Below Comal River**

**AUID: 1804\_01**

From a point immediately upstream of the confluence with San Marcos River in Gonzales County, up the confluence with Clemens Creek in Gonzales county, Texas.

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	72		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	72		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	72	21.52	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	279	21.60	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	279	27.85	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	283	336.09	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	72		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	72		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	41		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	71		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	72		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	72		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	72		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	72	0.65	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

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

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	12		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	12		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	17.21	12		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	1,024.34	12		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	27.89	12		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	139.52	12		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	11		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	858.25	12		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	10		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	214.99	12		0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	10	1.11	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.42	10	0.14	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	137.67	10	1.62	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	18.07	10	0.68	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	5.67	10	0.32	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	10	0.00	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	98.60	10	1.90	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Selenium	11/01/09 - 11/30/16	5	10	0.79	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	224.20	10	2.01	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	40		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	40		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,2,4,5-Tetrachlorobenzene	12/01/09 - 11/30/16	1,590	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/09 - 11/30/16	5,310	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/09 - 11/30/16	350	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	2,4-dinitrotoluene	12/01/09 - 11/30/16	8,020	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	3-Methyl-4-chlorophenol	12/01/09 - 11/30/16	5,620	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acenaphthene	12/01/09 - 11/30/16	88.90	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acenaphthylene	12/01/09 - 11/30/16	128	5		0		LD	NC	<input type="checkbox"/>	NC		



# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Aldrin	12/01/09 - 11/30/16	80	5	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	alpha-BHC	12/01/09 - 11/30/16	100	5	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Anthracene	12/01/09 - 11/30/16	845	5	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Arachlor 1016	12/01/09 - 11/30/16	530	5	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Arachlor 1248	12/01/09 - 11/30/16	1,500	5	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Arachlor 1254	12/01/09 - 11/30/16	340	5	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Arachlor1260	12/01/09 - 11/30/16	240	5	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	8	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Benzo(a)anthracene	12/01/09 - 11/30/16	1,050	5	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Benzo(a)pyrene	12/01/09 - 11/30/16	1,450	5	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	beta-BHC	12/01/09 - 11/30/16	210	5	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/09 - 11/30/16	22,000	5	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Cadmium	03/01/09 - 11/30/16	4.98	10	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Chlordane	12/01/09 - 11/30/16	17.60	5	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	8	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Chrysene	12/01/09 - 11/30/16	1,290	5	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	8	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	DDD	12/01/09 - 11/30/16	28	5	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	DDE	12/01/09 - 11/30/16	31.30	5	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Diazinon	12/01/09 - 11/30/16	7.30	5	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/09 - 11/30/16	135	5	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Dieldrin	12/01/09 - 11/30/16	61.80	5	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Diethyl phthalate	12/01/09 - 11/30/16	11,000	5	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Dimethyl phthalate	12/01/09 - 11/30/16	8,900	5	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Di-n-butyl phthalate	12/01/09 - 11/30/16	80,000	5	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Di-n-octyl phthalate	12/01/09 - 11/30/16	1,100	5	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Endosulfan 1 (alpha)	12/01/09 - 11/30/16	7.40	5	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Endosulfan 2 (beta)	12/01/09 - 11/30/16	35	5	0	LD	NC	<input type="checkbox"/>	NC				

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Fluoranthene	12/01/09 - 11/30/16	2,230	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Fluorene	12/01/09 - 11/30/16	536	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/09 - 11/30/16	4.99	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Hexachlorocyclopentadiene	12/01/09 - 11/30/16	202	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Malathion	12/01/09 - 11/30/16	6.20	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	03/01/09 - 11/30/16	1,100	10		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Naphthalene	12/01/09 - 11/30/16	561	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	N-butyl benzyl phthalate	12/01/09 - 11/30/16	150,000	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	03/01/09 - 11/30/16	48.60	10		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nitrobenzene	12/01/09 - 11/30/16	6,290	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Parathion (ethyl)	12/01/09 - 11/30/16	3.70	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	PCBs	12/01/09 - 11/30/16	676	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Pentachlorobenzene	12/01/09 - 11/30/16	2,660	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Phenanthrene	12/01/09 - 11/30/16	1,170	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Phenol (single compound)	12/01/09 - 11/30/16	210	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Pyrene	12/01/09 - 11/30/16	1,520	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	03/01/09 - 11/30/16	1.70	10		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Toxaphene	12/01/09 - 11/30/16	32	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	03/01/09 - 11/30/16	459	10		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	39	30.29	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

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

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	279	21.60	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	279	27.85	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	283	336.09	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	40		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	40		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	44		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	43		4	22.85	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	43		1	2.13	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	36		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	40		0		AD	FS	<input type="checkbox"/>	FS		
<b>Fish Consumption Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	12	0.27	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	11	0.00	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	12	2.00	0		AD	FS	<input type="checkbox"/>	FS		
<b>Domestic Water Supply Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	12	1.13	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	12	0.28	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	37	0.15	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	12	0.27	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	11	0.00	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	12	2.00	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	43	1.01	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	10	0.94	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	82		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	82		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	82	23.79	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	279	21.60	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	279	27.85	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	283	336.09	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	82		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	82		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	42		1	0.70	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	81		19	24.95	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	82		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	82		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	82		2	32.60	AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	82	0.92	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	82		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	82		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	82	47.78	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	279	21.60	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	279	27.85	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	283	336.09	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	82		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	82		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	42		3	0.37	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	81		7	19.44	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	82		1	2.04	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	82		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	82		0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	82	1.29	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	279	21.60	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	279	27.85	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	283	336.09	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1804A**

**Geronimo Creek**

**AUID: 1804A\_01** From the confluence of the Guadalupe River south of Seguin in Guadalupe County to the upstream perennial portion north of Seguin in Guadalupe County

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	4		0		SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	4		0		SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	255		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	255		1	4.70	AD	NC	<input type="checkbox"/>	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	41	5	48			AD	FS	<input type="checkbox"/>	FS		
Habitat	Habitat	12/01/09 - 11/30/16	20	5	23			AD	NC	<input type="checkbox"/>	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29	5	40			AD	FS	<input type="checkbox"/>	FS		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	251	206.69	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	242		15	0.44	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	259		5	16.74	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	265		248	8.50	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	265		1	2.87	AD	NC	<input type="checkbox"/>	NC		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1804C**

**Alligator Creek**

**AUID: 1804C\_01** From the confluence with Geronimo Creek up to the headwaters approximately 4 mi north of New Braunfels.

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	1.50	34		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	34		2	1.80	AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	34	50.03	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	35		5	0.64	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	34		5	26.20	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	35		5	6.11	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	35		0		AD	NC	<input type="checkbox"/>	NC		



# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1804D**      **Bear Creek**

**AUID: 1804D\_01**      From the confluence of Geronimo Creek up to the headwaters approximately 1 mi north of HWY 90, and 0.25 mi south of Ilka Switch Road in Seguin.

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	10	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	10	0	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	10    310.73	1	LD	NS	<input checked="" type="checkbox"/>	CN	bacteria	

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	10	1    0.38	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	10	1    17.80	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	10	1    8.36	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	10	0	AD	NC	<input type="checkbox"/>	NC		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1805**

**Canyon Lake**

**AUID: 1805\_01**

Cove around Jacob's Creek Park

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	109		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	109		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	108	3.61	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	185	18.90	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	185	23.25	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	184	258.31	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	109		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	109		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	109		1	36.30	AD	FS	<input type="checkbox"/>	FS		

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in fish tissue	5c

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	109	0.10	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1805\_02 North end of Crane's Mill Park peninsula to south end of Canyon Park

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	11/01/09 - 11/30/16	4	25		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	11/01/09 - 11/30/16	6	25		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	24	1.71	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	185	18.90	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	185	23.25	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	184	258.31	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	11/01/09 - 11/30/16	9	25		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	11/01/09 - 11/30/16	6.50	25		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	26		0		AD	FS	<input type="checkbox"/>	FS		

## Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in fish tissue	5c

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	25	0.15	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	25	0.07	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1805\_03      Upper end of segment

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	24		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	24		1	5.48	AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	24	2.40	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	185	18.90	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	185	23.25	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	184	258.31	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	24		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	24		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	24		0		AD	FS	<input type="checkbox"/>	FS		

## Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in tissue	5c

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	25	0.14	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	25	0.13	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1805\_04 Lower end of reservoir from dam upstream to Canyon Park

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	25		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	25		2	5.51	AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	26	1.33	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	185	18.90	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	185	23.25	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	184	258.31	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	25		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	25		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	25		0		AD	FS	<input type="checkbox"/>	FS		

## Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in fish tissue	5c

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	26	0.14	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	26	0.06	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1806**

**Guadalupe River Above Canyon Lake**

**AUID: 1806\_01**

From a point 2.7 km (1.7 mi) downstream of Rebecca Creek Road in Comal County upstream to the confluence of Honey Creek in Comal County

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	37		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	37		1	5.20	AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	78	67.35	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	299	25.47	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	301	21.27	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	738	302.28	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	37		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	37		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	39		1	0.35	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	77		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	79		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	79		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	37		0		AD	FS	<input type="checkbox"/>	FS		

**Domestic Water Supply Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	78	0.35	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1806\_02

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	6	4		1	5.60	SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	4	4		1	3.50	SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	117		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	117		2	5.60	AD	NC	<input type="checkbox"/>	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	52	5	54			AD	FS	<input type="checkbox"/>	FS		
Habitat	Habitat	12/01/09 - 11/30/16	26	5	23			AD	CS	<input type="checkbox"/>	CS	impaired habitat	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	36	5	40			AD	FS	<input type="checkbox"/>	FS		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	111	43.55	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	299	25.47	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	301	21.27	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	738	302.28	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	117		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	117		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	11		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	111		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	110		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	110		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	117		0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

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

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	11	0.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	110	0.61	0		AD	FS	<input type="checkbox"/>	FS		



# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1806\_08

From the confluence of Honey Creek in Comal County upstream to the confluence of Big Joshua Creek in Kendall County

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	27		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	27		1	5.70	AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	27	146.14	1		AD	CN	<input type="checkbox"/>	CN	Bacteria in water	

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	299	25.47	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	301	21.27	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	738	302.28	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	27		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	27		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	27		1	0.35	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	27		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	27		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	27		0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	27	0.37	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	106		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	106		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	106	76.30	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	299	25.47	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	301	21.27	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	738	302.28	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	92		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	92		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	28		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	93		0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	28	0.33	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1806\_10

From the confluence of Camp Meeting Creek in Kerrville upstream to the confluence of Town Creek in Kerrville

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	378		1	3.90	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	378		28		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	378	62.80	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	299	25.47	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	301	21.27	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	738	302.28	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	319		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	319		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	28		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	323		0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	28	0.26	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	38		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	38		7		AD	CS	<input type="checkbox"/>	CS	Depressed dissolved oxygen in water	

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	79	6.20	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	299	25.47	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	301	21.27	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	738	302.28	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	36		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	36		0		AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	37		0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1806\_12

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	31		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	31		2	5.45	AD	NC	<input type="checkbox"/>	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	52	3	50			AD	NS	<input type="checkbox"/>	CN	impaired fish community	
Habitat	Habitat	12/01/09 - 11/30/16	26	3	23			AD	CS	<input type="checkbox"/>	CS	impaired habitat	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	36	3	42			AD	FS	<input type="checkbox"/>	FS		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	28	41.40	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	299	25.47	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	301	21.27	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	738	302.28	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	31		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	31		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	28		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	31		0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	28	0.25	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1806A**

**Camp Meeting Creek**

**AUID: 1806A\_01** Intermittent stream with perennial pools from the confluence with the Guadalupe River upstream to the dam on an unnamed impoundment, located downstream of Ranch

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	96		3		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	96		20		AD	CS	<input type="checkbox"/>	CS	Depressed dissolved oxygen in water	

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	96	198.20	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	28		1	2.50	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	28		0		AD	NC	<input type="checkbox"/>	NC		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1806D**

**Quinlan Creek**

**AUID: 1806D\_01** From the confluence of the Guadalupe River in Kerrville in Kerr County to the upstream perennial portion of the stream north of Kerrville in Kerr County

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	64	3		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	64	4		AD	NC	<input type="checkbox"/>	NC				

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	64	297.30	1		AD	NS	<input type="checkbox"/>	NS	bacteria	4a	

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1806E**

**Town Creek**

**AUID: 1806E\_01** From the confluence of the Guadalupe River just upstream of FM 394 in Kerrville in Kerr County upstream to the headwaters in Gillespie County approximately 4.5 mi (

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	79	4	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	79	10	AD	CS	☐	CS	depressed dissolved oxygen	

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	94 309.40	1	AD	NS	☐	NS	bacteria	4a



# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1807**

**Coletto Creek**

**AUID: 1807\_01**

From confluence with Guadalupe River to Coletto Creek Reservoir Dam

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	84		1	2.37	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	84		1	2.37	AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	83	3.73	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	250	89	53.24	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	90	23.78	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	89	303.20	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	84		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	84		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	46		2	0.60	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	84		14	18.58	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	85		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	85		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	84		1	34.90	AD	FS	<input type="checkbox"/>	FS		

**Domestic Water Supply Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	2	0.13	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	84	0.05	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1807\_02      Remainder of segment

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	06/01/09 - 11/30/16	3	10		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	06/01/09 - 11/30/16	5	10		1	4.70	AD	NC	<input type="checkbox"/>	NC		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	250	89	53.24	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	90	23.78	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	89	303.20	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	06/01/09 - 11/30/16	9	10		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	06/01/09 - 11/30/16	6.50	10		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	06/01/09 - 11/30/16	0.33	10		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	06/01/09 - 11/30/16	14.10	10		1	15.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	06/01/09 - 11/30/16	1.95	10		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	06/01/09 - 11/30/16	0.69	10		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	06/01/09 - 11/30/16	33.90	10		0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	06/01/09 - 11/30/16	4	10	0.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	06/01/09 - 11/30/16	10	10	0.06	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1808**

**Lower San Marcos River**

**AUID: 1808\_01**

Lower 18 mi from confluence with Guadalupe River to confluence with Mile Creek

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	29		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	29		0		AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	28	82.83	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	60	137	26.68	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	137	31.10	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	156	370.41	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	29		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	29		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	28		2	0.54	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	28		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	29		0		AD	FS	<input type="checkbox"/>	FS		

**Domestic Water Supply Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	28	1.02	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

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

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	60	137	26.68	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	137	31.10	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	156	370.41	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	77		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	77		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	82	64.05	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	60	137	26.68	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	137	31.10	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	156	370.41	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	77		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	77		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	40		1	0.34	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	81		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	82		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	82		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	77		0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	82	1.17	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	41		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	41		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	43	116.18	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	60	137	26.68	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	137	31.10	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	156	370.41	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	45		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	45		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	22		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	27		7	2.12	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	24		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	45		0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	27	0.15	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	27	1.67	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1809**

**Lower Blanco River**

**AUID: 1809\_01**

Lower 7 mi of segment

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	20		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	20		0		AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	20	35.64	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	42	14.26	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	43	29.23	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	55	290.24	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	21		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	21		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	24		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.30	21		0		AD	FS	<input type="checkbox"/>	FS		

**Domestic Water Supply Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	21	0.14	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	22	0.49	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1809\_02      Upper 8 mi of segment

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	26		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	26		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	26	17.60	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	42	14.26	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	43	29.23	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	55	290.24	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	31		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	31		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	29		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	23		2	25.40	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	30		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	28		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.30	31		0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	20	0.13	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	23	0.33	0		AD	FS	<input type="checkbox"/>	FS		



# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1810**

**Plum Creek**

**AUID: 1810\_01**

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

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	20		4	4.03	AD	NS	<input checked="" type="checkbox"/>	CN	depressed dissolved oxygen	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	20		2	2.75	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	86		0		SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	86		8	4.40	SM	NA	<input type="checkbox"/>	NA		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	42	4	39			AD	NS	<input type="checkbox"/>	CN	impaired fish community	
Habitat	Habitat	12/01/09 - 11/30/16	20	4	19			AD	CS	<input type="checkbox"/>	CS	impaired habitat	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29	4	37			AD	FS	<input type="checkbox"/>	FS		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	82	164.86	1		AD	NS	<input type="checkbox"/>	NS	bacteria	4b

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	350	245	121.05	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	150	246	84.09	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,120	303	675.02	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	86		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	86		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	61		5	0.37	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	81		1	19.20	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	82		32	3.91	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	82		36	1.04	AD	CS	<input type="checkbox"/>	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	86		0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	17	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	17	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	86	0		SM	NA	<input type="checkbox"/>	NA			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	86	1	3.90	SM	NA	<input type="checkbox"/>	NA			
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	41	3	40		TR	CN	<input type="checkbox"/>	NA			
Habitat	Habitat	12/01/09 - 11/30/16	20	3	18		TR	CS	<input type="checkbox"/>	NA			
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29	3	30		TR	NC	<input type="checkbox"/>	NA			
Toxic Substances in sediment	Benzene	12/01/09 - 11/30/16	2,870	5	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Ethylbenzene	12/01/09 - 11/30/16	7,880	5	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Toluene	12/01/09 - 11/30/16	20,290	5	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Xylene	12/01/09 - 11/30/16	12,010	5	0		LD	NC	<input type="checkbox"/>	NC			

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	83	270.73	1	AD	NS	<input type="checkbox"/>	NS	bacteria	4b	

## 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1810\_02

From approximately 2.5 mi upstream of confluence with Clear Fork Plum Ck to approximately 0.5 mi upstream of SH21

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	350	245	121.05	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	150	246	84.09	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,120	303	675.02	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	86		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	86		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	63		7	0.59	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	81		1	15.50	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	83		75	6.27	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	83		53	1.43	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	86		0		AD	FS	☐	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1810\_03 From approximately 0.5 mi upstream of SH 21 to upper end of segment

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	16		1	4.60	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	16		0		AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	84		1	0.60	SM	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	84		3	3.13	SM	NA	☐	NA		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	41	1	46			LD	NC	☐	NC		
Habitat	Habitat	12/01/09 - 11/30/16	20	1	23			LD	NC	☐	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29	1	23			LD	CN	☐	CN	impaired macrobenthic community	

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	83	439.40	1		AD	NS	☐	NS	bacteria	4b

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	350	245	121.05	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	150	246	84.09	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,120	303	675.02	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	84		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	84		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	62		14	1.96	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	81		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	83		72	13.22	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	83		62	2.64	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	84		0		AD	FS	☐	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1810A      Town Branch**

**AUID: 1810A\_01      Perennial stream from the confluence of Plum Creek upstream to US 183 in the City of Lockhart (App D)**

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	9		0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	9		2	4.15	LD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	9	293.57	1		LD	CN	<input type="checkbox"/>	CN	bacteria	

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	9		2	0.48	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	9		9	10.40	LD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	9		0		LD	NC	<input type="checkbox"/>	NC		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1811**

**Comal River**

**AUID: 1811\_01**

From the confluence with segment 1804 of the Guadalupe River up to just upstream of the confluence with Dry Comal Creek in New Braunfels, Comal County, Texas.

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	82		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	82		0		AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	82	153.76	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	112	19.25	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	112	30.86	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	112	382.16	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	82		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	82		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	42		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	81		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	82		13	2.03	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	82		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	82		0		AD	FS	<input type="checkbox"/>	FS		

**Domestic Water Supply Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	82	1.79	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1811\_02 From the confluence with Dry Comal Creek up to Klingemann Street in New Braunfels, Comal County, Texas.

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	29		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	29		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	30	99.02	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	112	19.25	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	112	30.86	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	112	382.16	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	29		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	29		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	16		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	30		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	30		7	2.02	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	30		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	29		0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	30	1.85	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1811A**      **Dry Comal Creek**

**AUID: 1811A\_01**      Lower 25 mi of water body

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	82	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	82	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Benzene	12/01/09 - 11/30/16	2,870	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Ethylbenzene	12/01/09 - 11/30/16	7,880	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Toluene	12/01/09 - 11/30/16	20,290	4	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Xylene	12/01/09 - 11/30/16	12,010	4	0		LD	NC	<input type="checkbox"/>	NC			

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	82	275.34	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	43		2	0.35	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	81		1	26.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	82		3	2.34	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	82		0		AD	NC	<input type="checkbox"/>	NC		



# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1812**

**Guadalupe River Below Canyon Dam**

**AUID: 1812\_01**

From a point immediately upstream of the confluence of the Comal River in Comal County to immediately upstream of the confluence with Elm Creek, Comal County,

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	27	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	27	0		AD	NC	<input type="checkbox"/>	NC			

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	35 56.86	0		AD	FS	<input type="checkbox"/>	FS			

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	144 18.08	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	147 23.89	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	145 285.20	0		AD	FS	<input type="checkbox"/>	FS			
High pH	pH	12/01/09 - 11/30/16	9	27	0		AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/09 - 11/30/16	6.50	27	0		AD	FS	<input type="checkbox"/>	FS			
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	39	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	37	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	37	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	35	0		AD	NC	<input type="checkbox"/>	NC			
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	27	0		AD	FS	<input type="checkbox"/>	FS			

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	22 0.13	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	37 0.57	0		AD	FS	<input type="checkbox"/>	FS			

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1812\_02 From immediately upstream of Elm Creek up to the confluence with Bear Creek, Comal County, Texas.

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	89		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	89		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	81	65.85	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	144	18.08	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	147	23.89	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	145	285.20	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	89		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	89		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	42		2	0.37	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	79		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	81		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	81		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	89		0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	81	0.17	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1812\_03 From immediately upstream of the confluence with Bear Creek in Comal County, Texas up to Canyon Dam.

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	27		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	27		1	5.70	AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	26	67.46	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	144	18.08	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	147	23.89	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	145	285.20	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	27		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	27		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	27		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	27		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	25		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	27		0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	11	0.14	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	27	0.16	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1813**

**Upper Blanco River**

**AUID: 1813\_01**

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

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	50		1	0.60	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	50		1	0.60	AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	35	36.30	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	42	12.52	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	42	36.46	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	204	321.51	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	53		1	9.30	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	53		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	35		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	35		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	35		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.30	53		0		AD	FS	<input type="checkbox"/>	FS		

**Domestic Water Supply Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	35	0.26	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1813\_02

From the confluence with Spoke Pile Creek up to the confluence with Cypress Creek, in Wimberley, Hays County, Texas.

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	32		1	3.50	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	32		1	3.50	AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	39	56.03	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	42	12.52	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	42	36.46	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	204	321.51	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	31		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	31		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	39		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	39		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	39		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.30	33		0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	39	0.27	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1813\_03

From the confluence with Rogers Branch up to the confluence with Hinds Branch in Blanco, County, Texas.

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	41		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	41		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	42	23.40	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	42	12.52	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	42	36.46	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	204	321.51	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	42		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	42		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	33		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	48		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	48		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	46		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.30	42		0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	17	0.18	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	42	0.26	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1813\_04

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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	42	12.52	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	42	36.46	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	204	321.51	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1813\_05

From the confluence with Cypress Creek in Wimberley, Hays County, Texas up to the confluence with Rogers Branch in Blanco County, Texas.

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	73		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	73		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	55	71.46	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	42	12.52	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	42	36.46	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	204	321.51	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	77		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	77		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	55		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	55		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	55		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.30	77		0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	55	0.39	0		AD	FS	<input type="checkbox"/>	FS		



# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1814**

**Upper San Marcos River**

**AUID: 1814\_01**

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

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	27	18.50	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	27	26.49	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	469	374.27	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1814\_02

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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data		Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	27	18.50	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	27	26.49	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	469	374.27	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	29		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	29		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	26	80.36	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	27	18.50	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	27	26.49	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	469	374.27	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	30		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	30		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	27		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	23		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	26.70	30		0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	16	0.15	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	27	1.27	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1814\_04

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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	27	18.50	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	27	26.49	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	469	374.27	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1815**

**Cypress Creek**

**AUID: 1815\_01**

Lower 7 mi of segment

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	6	5		2	5.10	SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	4	5		1	3.90	SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	158		10	3.03	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	158		32	4.30	AD	CS	<input type="checkbox"/>	CS	Depressed dissolved oxygen in water	
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	52	5	45			TR	CN	<input type="checkbox"/>	NA		
Habitat	Habitat	12/01/09 - 11/30/16	26	5	18			TR	CS	<input type="checkbox"/>	NA		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	36	3	29			TR	CN	<input type="checkbox"/>	NA		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	162	55.26	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	26	23.63	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	26	24.75	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	156	376.44	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	153		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	153		1	6.30	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	182		3	0.42	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	182		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	182		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	30	161		1	30.90	AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1815\_01 Lower 7 mi of segment

**Domestic Water Supply Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	162	0.40	0		AD	FS	<input type="checkbox"/>	FS			

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1815\_02      Upper 7 mi of segment

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	26	23.63	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	26	24.75	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	156	376.44	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1816**

**Johnson Creek**

**AUID: 1816\_01**

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	30		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	30		1	5.90	AD	NC	<input type="checkbox"/>	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	52	2	54			AD	FS	<input type="checkbox"/>	FS		
Habitat	Habitat	12/01/09 - 11/30/16	26	2	24			AD	CS	<input type="checkbox"/>	CS	impaired habitat	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	36	2	38			AD	FS	<input type="checkbox"/>	FS		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	28	87.82	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	28	26.45	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	28	12.51	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	31	302.10	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	30		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	30		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	28		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	30	30		0		AD	FS	<input type="checkbox"/>	FS		

## Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	28	0.37	0		AD	FS	<input type="checkbox"/>	FS		



# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1817**

**North Fork Guadalupe River**

**AUID: 1817\_01**

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

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	28	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	28	0		AD	NC	<input type="checkbox"/>	NC				

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	28	31.84	0	AD	FS	<input type="checkbox"/>	FS				

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	28	10.45	0	AD	FS	<input type="checkbox"/>	FS				
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	28	6.32	0	AD	FS	<input type="checkbox"/>	FS				
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	28	248.90	0	AD	FS	<input type="checkbox"/>	FS				
High pH	pH	12/01/09 - 11/30/16	9	28		0	AD	FS	<input type="checkbox"/>	FS				
Low pH	pH	12/01/09 - 11/30/16	6.50	28		0	AD	FS	<input type="checkbox"/>	FS				
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	28		1	23.60	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	28		0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	28		0		AD	NC	<input type="checkbox"/>	NC			
Water Temperature	Water temperature	12/01/09 - 11/30/16	30	28		0		AD	FS	<input type="checkbox"/>	FS			

**Domestic Water Supply Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	28	0.26	0	AD	FS	<input type="checkbox"/>	FS				

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**SEGID: 1818**

**South Fork Guadalupe River**

**AUID: 1818\_01**

Lower 1.5 mi of segment

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	28		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	28		5	5.74	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	28	15.51	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	28	11.15	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	28	8.44	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	28	274.39	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	28		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	28		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	28		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	30	28		0		AD	FS	<input type="checkbox"/>	FS		

**Domestic Water Supply Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	28	0.16	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1818\_02 From lower 1.5 mi to approx 0.5 mi upstream of Lange Ravine

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	28	11.15	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	28	8.44	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	28	274.39	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1818\_03 From 0.5 mi upstream Lange Ravine to low water dam just below Camp Mystic

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	28	11.15	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	28	8.44	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	28	274.39	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1818\_04 From low water dam below Camp Mystic to confluence with Cherry Creek

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data		Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	28	11.15	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	28	8.44	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	28	274.39	0		AD	FS	<input type="checkbox"/>	FS		

# 2018 Texas Integrated Report - Assessment Results for Basin 18 - Guadalupe River Basin

**AUID:** 1818\_05      Upper 18.5 mi of segment

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	28	11.15	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	28	8.44	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	28	274.39	0		AD	FS	<input type="checkbox"/>	FS		