

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

Report Abbreviations	Description:
<b>SEGID:</b>	Unique Segment identification alpha-numeric code; can be stream, reservoir, estuary, oyster waters, beach watch, etc.
<b>AUID:</b>	Unique Assessment Unit code; this is a portion of the segment the AUID begins with and ends with _01, _02, etc. Some AUIDs are special units ending in "SA," or oyster water AUIDs are indicated by "OW" and beach watch AUIDs are indicated by abbreviations for name of beach in AUID.
<b>ASMT Start Date:</b>	The start date of the period of record data for this method was selected; the official 2020 period of record is from 12/1/2011 to 11/30/2018. Assessors have the option of going back 10 years (12/1/2008) to select more data, according to assessment guidance.
<b>ASMT End Date:</b>	The end date of the period of record data for this method was selected; the official 2020 period of record dates are 12/1/2011 to 11/30/2018. Assessors have the option of including more recently collected data than 12/01/2018, if available.
<b># Assd:</b>	Number of samples assessed; some data are averaged, as with profile data, some are eliminated because criteria do not apply during certain conditions such as a low flow.
<b>Mean Assd:</b>	Mean of samples assessed; includes averaged methods like chronic criteria as well as geometric mean calculations for bacteria.
<b># Exceed:</b>	The number of samples that exceed criteria for single sample, or binomial, methods (not averaged data).
<b>Mean Exceed:</b>	This is the mean of the samples that exceeded criteria for the single sample, or binomial, methods (not averaged data).
<b>Criteria:</b>	Value that the data is compared against to determine level of support; Note: for acute metals in water, each value is compared to a calculated criterion and not all criteria could be reported here, only the minimum in the range of criteria calculated are included.
<b>DS Qual:</b>	<i>Dataset Qualifier - indicates sample sizes:</i> <b>AD</b> = Adequate Data (10 or more samples) <b>TR</b> = Temporally Not Representative, used with NA <b>LD</b> = Limited Data (less than 9, greater than 3) <b>SR</b> = Spatially Not Representative, used with NA <b>ID</b> = Inadequate Data (less than 4) <b>OE</b> = Other information than ambient samples evaluated <b>JQ</b> = Level of support is based on judgment of the assessor <b>OS</b> = Assessment area outside state boundaries <b>SM</b> = This assessment method is superseded by another method
<b>LOS:</b>	<i>Level of support for this use, method, assessment parameter:</i> <b>FS</b> = Fully Supporting <b>NS</b> = Nonsupport <b>NC</b> = No Concern <b>CS</b> = Screening Level Concern <b>NA</b> = Not Assessed <b>CN</b> = Use Concern
<b>CF:</b>	Carry forward indicator check box: indicates that the Integrated level of support of CS, CN, or NS was carried forward from a previous assessment due to inadequate data for this method in this assessment.
<b>Int LOS:</b>	Integrated level of support. This is the overall level of support for this use, method, parameter group, which could be different from the LOS (described above) due to carry forward information or other types of changes. New Code added in 2010: PI = Pending Issue
<b>TCEQ Cause:</b>	This is the impairment description (e.g., bacteria, depressed dissolved oxygen, etc.)
<b>Cat:</b>	<b>Category 3:</b> Insufficient or no data and information to determine if standard is attained <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. <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. <b>Category 5:</b> Standard is not attained or nonattainment is predicted in the near future for one or more parameters. <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.

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0501**

**Sabine River Tidal**

**AUID: 0501\_01**

Sabine River tidal from the confluence of Sabine Lake upstream to confluence of Adams Bayou Tidal

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	564	1		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	136	1	17	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	80		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	80		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	Enterococcus	12/01/11 - 11/30/18	35	81	80.19	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
High pH	pH	12/01/11 - 11/30/18	8.50	81		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	81		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.66	81		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	81		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	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	PCBs in edible tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/08 - 11/30/18	3.83	8	0.28	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/08 - 11/30/18	1,140	9	2.78	0		LD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0501\_02** Sabine River tidal from the confluence of Adams Bayou Tidal upstream to the confluence of Little Cypress Bayou

## 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	Arsenic (dissolved)	12/01/08 - 11/30/18	149	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/08 - 11/30/18	40	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/08 - 11/30/18	13.50	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/08 - 11/30/18	133	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/08 - 11/30/18	118	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/08 - 11/30/18	564	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/08 - 11/30/18	92.70	8		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/08 - 11/30/18	78	9	1.67	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/08 - 11/30/18	8.75	9	0.10	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/08 - 11/30/18	3.60	8	1	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/08 - 11/30/18	5.30	8	0.28	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/08 - 11/30/18	13.10	9	2.78	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/08 - 11/30/18	136	9	2.39	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/08 - 11/30/18	84.20	8	3.06	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	102		1	2.38	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	102		5	3.38	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	Enterococcus	12/01/11 - 11/30/18	35	101	63.49	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0501\_02 Sabine River tidal from the confluence of Adams Bayou Tidal upstream to the confluence of Little Cypress Bayou

<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
High pH	pH	12/01/11 - 11/30/18	8.50	102		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	102		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.66	102		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	102		0		AD	FS	<input type="checkbox"/>	FS		

<b>Fish Consumption Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	PCBs in edible tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/08 - 11/30/18	3.83	8	0.28	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/08 - 11/30/18	1,140	9	2.78	0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0501\_03 Sabine River tidal from the confluence of Little Cypress Bayou upstream to the confluence of Old River at West Bluff

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	PCBs in edible tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/08 - 11/30/18	3.83	8	0.28	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/08 - 11/30/18	1,140	9	2.78	0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0501B**      **Little Cypress Bayou**

**AUID: 0501B\_01**      Little Cypress Bayou from the confluence of the Sabine River upstream to a point 340m downstream of 16th St in Orange

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Chronic Ambient Toxicity tests in water	Water Chronic Toxicity	12/01/11 - 11/30/18				ID	NA	<input checked="" type="checkbox"/>	NS	Toxicity in water	5c
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	09/23/09 - 11/30/18	4	9	5    3.00	LD	NS	<input type="checkbox"/>	NS	Depressed dissolved oxygen in water	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	09/23/09 - 11/30/18	3	9	7    2.02	LD	NS	<input type="checkbox"/>	NS	Depressed dissolved oxygen in water	5c

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/11 - 11/30/18	35	8    246.62	1	LD	CN	<input checked="" type="checkbox"/>	NS	Bacteria in water	5b

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0501B\_02 Little Cypress Bayou from a point 340m downstream of 16th St in Orange upstream to the confluence of an unnamed stream 100m downstream of Little Cypress Dr

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data	LOS	CF	Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	LOS			
Chronic Ambient Toxicity tests in water	Water Chronic Toxicity	12/01/11 - 11/30/18					ID	NA	<input checked="" type="checkbox"/>	NS	Toxicity in water	5c	
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	09/23/09 - 11/30/18	4	9	5	2.24	LD	NS	<input type="checkbox"/>	NS	Depressed dissolved oxygen in water	5c	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	09/23/09 - 11/30/18	3	9	6	1.23	LD	NS	<input type="checkbox"/>	NS	Depressed dissolved oxygen in water	5c	

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data	LOS	CF	Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	LOS			
Bacteria Geomean	Enterococcus	12/01/11 - 11/30/18	35	8	683.52	1	LD	CN	<input checked="" type="checkbox"/>	NS	Bacteria in water	5b	

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0501B\_03** Little Cypress Bayou from the confluence of an unnamed stream 100m downstream of Little Cypress Dr upstream to the headwater near the intersection of S Teal Rd and

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data	LOS	CF	Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	LOS			
Chronic Ambient Toxicity tests in water	Water Chronic Toxicity	12/01/11 - 11/30/18						ID	NA	<input checked="" type="checkbox"/>	NS	Toxicity in water	5c
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	09/23/09 - 11/30/18	4	9	6	1.89	LD	NS	<input type="checkbox"/>		NS	Depressed dissolved oxygen in water	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	09/23/09 - 11/30/18	3	9	6	0.99	LD	NS	<input type="checkbox"/>		NS	Depressed dissolved oxygen in water	5c

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data	LOS	CF	Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	LOS			
Bacteria Geomean	Enterococcus	12/01/11 - 11/30/18	35	8	500.58	1	LD	CN	<input checked="" type="checkbox"/>		NS	Bacteria in water	5b



# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0502**

**Sabine River Above Tidal**

**AUID: 0502\_01**

Sabine River from the confluence of Old River at West Bluff upstream to the confluence of Indian Bayou

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	2		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	2	0.50	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	73		5	1.72	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	73		11	2.92	AD	CS	<input type="checkbox"/>	CS	Depressed dissolved oxygen in water	

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	72	34.70	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	127	17.96	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	126	37.65	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	140	157.50	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	73		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	73		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	27		5	0.50	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	57		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	73		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	73		0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0502\_01 Sabine River from the confluence of Old River at West Bluff upstream to the confluence of Indian Bayou

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	5	0.31	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	2.92	0		LD	NC	<input type="checkbox"/>	NC		

### 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	Arsenic (dissolved)	12/01/11 - 11/30/18	10	6	1	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	2	44.50	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	5	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	5	0.31	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	2.92	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	123	0.07	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	8	0.50	0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0502\_02 Sabine River from the confluence of Indian Bayou upstream to the confluence of Cypress Creek

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	3.52	5		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	269.02	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	5.99	5		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	23.51	5		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	215.68	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	53.91	5		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	6	1	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.09	5	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	23.03	6	3	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	2.80	5	1.16	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	0.52	5	0.21	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	15.55	6	2.92	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	6	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	35.26	5	4.20	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	55		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	55		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	12/01/11 - 11/30/18	126	68	26.04	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0502\_02 Sabine River from the confluence of Indian Bayou upstream to the confluence of Cypress Creek

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	127	17.96	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	126	37.65	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	140	157.50	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	55		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	55		1	5.80	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	19		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	66		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	68		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	55		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)	12/01/11 - 11/30/18	1.15	5	0.31	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	2.92	0		LD	NC	<input type="checkbox"/>	NC		

<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)	12/01/11 - 11/30/18	10	6	1	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	2	44.50	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	5	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	5	0.31	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	2.92	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	123	0.07	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	8	0.50	0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0502\_03 Sabine River from the confluence of Cypress Creek upstream to the confluence of Nichols 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	12/01/11 - 11/30/18	50	127	17.96	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	126	37.65	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	140	157.50	0		AD	FS	<input type="checkbox"/>	FS		
<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	5	0.31	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	2.92	0		LD	NC	<input type="checkbox"/>	NC		
<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	6	1	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	2	44.50	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	5	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	5	0.31	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	2.92	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	123	0.07	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	8	0.50	0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0502\_04 Sabine River from the confluence of Nichols Creek upstream to the confluence of Big Cow 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	12/01/11 - 11/30/18	50	127	17.96	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	126	37.65	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	140	157.50	0		AD	FS	<input type="checkbox"/>	FS		
<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	5	0.31	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	2.92	0		LD	NC	<input type="checkbox"/>	NC		
<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	6	1	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	2	44.50	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	5	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	5	0.31	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	2.92	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	123	0.07	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	8	0.50	0		LD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0502\_05 Sabine River from the confluence of Big Cow Creek upstream to the confluence of Caney Creek

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	127	17.96	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	126	37.65	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	140	157.50	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)	12/01/11 - 11/30/18	1.15	5	0.31	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	2.92	0		LD	NC	<input type="checkbox"/>	NC		

<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)	12/01/11 - 11/30/18	10	6	1	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	2	44.50	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	5	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	5	0.31	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	2.92	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	123	0.07	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	8	0.50	0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0502A**      **Nichols Creek**

**AUID: 0502A\_01**      Nichols Creek from the confluence of the Sabine River upstream to the headwater at FM 1013 northwest of Kirbyville

### 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 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	3					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5c	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	2					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5c	

### 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	12/01/11 - 11/30/18	630					ID	NA	<input checked="" type="checkbox"/>	NS	Bacteria in water	5c	



# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0502B**      **Caney Creek**

**AUID: 0502B\_02**      Caney Creek an Appendix D perennial stream from the Davison St crossing in Newton upstream to the confluence of Martin Branch

**Recreation Use**

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

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0502E**      **Cypress Creek**

**AUID: 0502E\_01**      Cypress Creek from the confluence of the Sabine River up to the headwater 500m south of FM 82 east of Kirbyville

**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	12/01/11 - 11/30/18	5					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5b
Habitat	Habitat	12/01/11 - 11/30/18	20					ID	NA	<input checked="" type="checkbox"/>	CS	Impaired habitat in water	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	29					ID	NA	<input checked="" type="checkbox"/>	CN	Impaired macrobenthic community in water	

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0503**

**Sabine River Above Caney Creek**

**AUID: 0503\_01**

Sabine River from the confluence of Caney Creek upstream to the confluence of Anacoco Bayou

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	79		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	79		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	81	35.27	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	234	13.93	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	234	19.74	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	233	100.42	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	79		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	79		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	29		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	19		3	20.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	78		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	81		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	79		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	228	0.08	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0503\_02 Sabine River from the confluence of Anacoco Bayou upstream to the confluence of Little Cow Creek

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>	<b>LOS</b>	<b>CF</b>	<b>Int LOS</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>						
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	234	13.93	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	234	19.74	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	233	100.42	0		AD	FS	<input type="checkbox"/>	FS		

<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>	<b>LOS</b>	<b>CF</b>	<b>Int LOS</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>						
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	228	0.08	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0503\_03** Sabine River from the confluence of Little Cow Creek upstream to the Toledo Bend Dam

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	134		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	134		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	152	17.47	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	234	13.93	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	234	19.74	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	233	100.42	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	134		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	134		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	29		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	19		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	150		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	153		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	134		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	228	0.08	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0503D**      **Little Cow Creek**

**AUID: 0503D\_01**      Little Cow Creek from the confluence of the Sabine River upstream to the confluence of McGraw Creek

**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	12/01/11 - 11/30/18	3	1		0		ID	NA	<input type="checkbox"/>	NA			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	1		0		ID	NA	<input type="checkbox"/>	NA			

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0504**

**Toledo Bend Reservoir**

**AUID: 0504\_01**

Toledo Bend Reservoir from the dam up to a line from Louisiana State Park #15 (LA) west to near Pleasure Bend Rd (TX)

**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	Arsenic (dissolved)	08/16/10 - 11/30/18	340	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	08/16/10 - 11/30/18	2.83	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	08/16/10 - 11/30/18	224.08	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	08/16/10 - 11/30/18	4.85	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	08/16/10 - 11/30/18	18.32	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	08/16/10 - 11/30/18	178.58	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	08/16/10 - 11/30/18	20	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	08/16/10 - 11/30/18	44.62	8		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	08/16/10 - 11/30/18	150	9	1	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	08/16/10 - 11/30/18	0.10	9	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	08/16/10 - 11/30/18	26.13	9	2.33	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	08/16/10 - 11/30/18	3.19	8	0.94	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	08/16/10 - 11/30/18	0.61	8	0.13	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	08/16/10 - 11/30/18	17.72	9	2.78	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	08/16/10 - 11/30/18	5	9	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	08/16/10 - 11/30/18	40.18	8	2.94	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	78		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	78		0		AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	79	0.97	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0504\_01**

Toledo Bend Reservoir from the dam up to a line from Louisiana State Park #15 (LA) west to near Pleasure Bend Rd (TX)

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	70	475	14.53	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	475	16.45	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	240	474	96.78	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	78		2	8.63	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6	78		0		AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	75		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	79		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	79		1	0.34	JQ	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	78		0		AD	FS	☐	FS		

<b>Fish Consumption Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	☐	NS	Mercury in edible tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	36	0.23	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	42	2.95	0		AD	FS	☐	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)	12/01/11 - 11/30/18	10	42	1.05	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	12	34.92	0		TR	FS	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	42	0.05	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	36	0.23	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	42	2.95	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	471	0.05	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	42	0.50	0		AD	FS	☐	FS		



## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0504\_02 Toledo Bend Reservoir Six Mile Bay, including Sandy Creek arm, from near Lakeview Rd on the northside peninsula to near Pleasure Bend Rd on the southside peninsu

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Arsenic (dissolved)	08/16/10 - 11/30/18	340	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	08/16/10 - 11/30/18	2.14	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	08/16/10 - 11/30/18	177.05	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	08/16/10 - 11/30/18	3.70	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	08/16/10 - 11/30/18	13.26	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	08/16/10 - 11/30/18	140.00	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	08/16/10 - 11/30/18	20	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	08/16/10 - 11/30/18	34.97	7		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	08/16/10 - 11/30/18	150	8	1	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	08/16/10 - 11/30/18	0.10	8	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	08/16/10 - 11/30/18	26.13	8	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	08/16/10 - 11/30/18	3.19	7	0.79	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	08/16/10 - 11/30/18	0.61	7	0.12	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	08/16/10 - 11/30/18	17.72	8	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	08/16/10 - 11/30/18	5	8	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	08/16/10 - 11/30/18	40.18	7	2.86	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	77		1	1.48	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	77		4	3.59	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	12/01/11 - 11/30/18	126	77	2.40	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0504\_02 Toledo Bend Reservoir Six Mile Bay, including Sandy Creek arm, from near Lakeview Rd on the northside peninsula to near Pleasure Bend Rd on the southside peninsu

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	70	475	14.53	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	475	16.45	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	240	474	96.78	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	77		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	77		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	1		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	77		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	77		0		JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	77		0		AD	FS	<input type="checkbox"/>	FS		

<b>Fish Consumption Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	36	0.23	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	42	2.95	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)	12/01/11 - 11/30/18	10	42	1.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	12	34.92	0		TR	FS	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	42	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	36	0.23	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	42	2.95	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	471	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	42	0.50	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0504\_03**

Toledo Bend Reservoir Sunshine Bay arm, including Spring Hill Bay, from Alpine Marina on the northside peninsula to New Haven Rd on the southside peninsula

### 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	Arsenic (dissolved)	08/16/10 - 11/30/18	340	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	08/16/10 - 11/30/18	3.18	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	08/16/10 - 11/30/18	246.78	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	08/16/10 - 11/30/18	5.42	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	08/16/10 - 11/30/18	20.90	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	08/16/10 - 11/30/18	197.29	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	08/16/10 - 11/30/18	20	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	08/16/10 - 11/30/18	49.31	8		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	08/16/10 - 11/30/18	150	9	1.33	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	08/16/10 - 11/30/18	0.10	9	0.07	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	08/16/10 - 11/30/18	26.13	9	2.33	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	08/16/10 - 11/30/18	3.19	8	1.88	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	08/16/10 - 11/30/18	0.61	8	0.23	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	08/16/10 - 11/30/18	17.72	9	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	08/16/10 - 11/30/18	5	9	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	08/16/10 - 11/30/18	40.18	8	4.31	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	81		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	81		1	4.52	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	79	3.59	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0504\_03

Toledo Bend Reservoir Sunshine Bay arm, including Spring Hill Bay, from Alpine Marina on the northside peninsula to New Haven Rd on the southside peninsula

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	70	475	14.53	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	475	16.45	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	240	474	96.78	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	81		1	8.70	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	81		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	11		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	80		1	0.38	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	81		0		JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	81		0		AD	FS	<input type="checkbox"/>	FS		

<b>Fish Consumption Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	36	0.23	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	42	2.95	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)	12/01/11 - 11/30/18	10	42	1.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	12	34.92	0		TR	FS	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	42	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	36	0.23	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	42	2.95	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	471	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	42	0.50	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0504\_04** Toledo Bend Reservoir from a line from Cypress Bend Golf Resort (LA) west to Alpine Marina (TX) up to a line from North Toledo Bend State Park (LA) southwest to (

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Arsenic (dissolved)	08/16/10 - 11/30/18	340	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	08/16/10 - 11/30/18	3.52	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	08/16/10 - 11/30/18	269.02	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	08/16/10 - 11/30/18	5.99	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	08/16/10 - 11/30/18	23.51	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	08/16/10 - 11/30/18	215.68	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	08/16/10 - 11/30/18	20	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	08/16/10 - 11/30/18	53.91	8		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	08/16/10 - 11/30/18	150	9	1	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	08/16/10 - 11/30/18	0.10	9	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	08/16/10 - 11/30/18	26.13	9	2.33	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	08/16/10 - 11/30/18	3.19	8	0.94	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	08/16/10 - 11/30/18	0.61	8	0.13	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	08/16/10 - 11/30/18	17.72	9	3.17	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	08/16/10 - 11/30/18	5	9	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	08/16/10 - 11/30/18	40.18	8	2.94	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	79		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	79		3	4.61	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	12/01/11 - 11/30/18	126	79	0.80	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0504\_04** Toledo Bend Reservoir from a line from Cypress Bend Golf Resort (LA) west to Alpine Marina (TX) up to a line from North Toledo Bend State Park (LA) southwest to (

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	70	475	14.53	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	475	16.45	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	240	474	96.78	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	79		3	8.68	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	79		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	18		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	76		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	79		0		JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	79		0		AD	FS	<input type="checkbox"/>	FS		

<b>Fish Consumption Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	36	0.23	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	42	2.95	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)	12/01/11 - 11/30/18	10	42	1.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	12	34.92	0		TR	FS	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	42	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	36	0.23	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	42	2.95	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	471	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	42	0.50	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0504\_05 Toledo Bend Reservoir Patroon Bayou arm from Carter's Ferry Rd on northside peninsula to Elma Ln on southside peninsula

### 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	Arsenic (dissolved)	08/16/10 - 11/30/18	340	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	08/16/10 - 11/30/18	3.18	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	08/16/10 - 11/30/18	246.78	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	08/16/10 - 11/30/18	5.42	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	08/16/10 - 11/30/18	20.90	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	08/16/10 - 11/30/18	197.29	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	08/16/10 - 11/30/18	20	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	08/16/10 - 11/30/18	49.31	8		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	08/16/10 - 11/30/18	150	9	1.11	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	08/16/10 - 11/30/18	0.10	9	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	08/16/10 - 11/30/18	26.13	9	2.33	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	08/16/10 - 11/30/18	3.19	8	1.56	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	08/16/10 - 11/30/18	0.61	8	0.17	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	08/16/10 - 11/30/18	17.72	9	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	08/16/10 - 11/30/18	5	9	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	08/16/10 - 11/30/18	40.18	8	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	81		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	81		6	4.17	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	79	4.54	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0504\_05

Toledo Bend Reservoir Patroon Bayou arm from Carter's Ferry Rd on northside peninsula to Elma Ln on southside peninsula

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	70	475	14.53	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	475	16.45	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	240	474	96.78	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	81		1	8.55	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	81		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	81		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	81		0		JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	81		0		AD	FS	<input type="checkbox"/>	FS		
<b>Fish Consumption Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	36	0.23	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	42	2.95	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)	12/01/11 - 11/30/18	10	42	1.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	12	34.92	0		TR	FS	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	42	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	36	0.23	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	42	2.95	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	471	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	42	0.50	0		AD	FS	<input type="checkbox"/>	FS		



## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0504\_06 Toledo Bend Reservoir from a line from the confluence of Ten Acre Creek (LA) west to Shelby CR 2000 near Huxley, TX up to a line from the confluence of Pen Bayou

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>	<b>LOS</b>	<b>CF</b>	<b>Int LOS</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>						
Dissolved Solids	Chloride	12/01/11 - 11/30/18	70	475	14.53	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	475	16.45	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	240	474	96.78	0		AD	FS	☐	FS		
<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>	<b>LOS</b>	<b>CF</b>	<b>Int LOS</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>						
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	☐	NS	Mercury in edible tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	36	0.23	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	42	2.95	0		AD	FS	☐	FS		
<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>	<b>LOS</b>	<b>CF</b>	<b>Int LOS</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>						
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	42	1.05	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	12	34.92	0		TR	FS	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	42	0.05	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	36	0.23	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	42	2.95	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	471	0.05	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	42	0.50	0		AD	FS	☐	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0504\_07 Toledo Bend Reservoir from a line from the confluence of Pen Bayou (LA) west to the confluence of Tenaha Bayou (TX) up to a point immediately upstream of the conf

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>	<b>LOS</b>	<b>CF</b>	<b>Int LOS</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>						
Dissolved Solids	Chloride	12/01/11 - 11/30/18	70	475	14.53	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	475	16.45	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	240	474	96.78	0		AD	FS	☐	FS		
<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>	<b>LOS</b>	<b>CF</b>	<b>Int LOS</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>						
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	☐	NS	Mercury in edible tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	36	0.23	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	42	2.95	0		AD	FS	☐	FS		
<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>	<b>LOS</b>	<b>CF</b>	<b>Int LOS</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>						
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	42	1.05	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	12	34.92	0		TR	FS	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	42	0.05	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	36	0.23	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	42	2.95	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	471	0.05	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	42	0.50	0		AD	FS	☐	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0504\_11** Toledo Bend Reservoir from a line from North Toledo Bend State Park (LA) southwest to Carter's Ferry Rd north of Patroon Bayou (TX) up to a line from the confluence

### 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	Arsenic (dissolved)	08/16/10 - 11/30/18	340	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	08/16/10 - 11/30/18	3.86	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	08/16/10 - 11/30/18	290.86	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	08/16/10 - 11/30/18	6.55	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	08/16/10 - 11/30/18	26.14	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	08/16/10 - 11/30/18	233.79	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	08/16/10 - 11/30/18	20	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	08/16/10 - 11/30/18	58.45	7		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	08/16/10 - 11/30/18	150	8	1.38	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	08/16/10 - 11/30/18	0.10	8	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	08/16/10 - 11/30/18	26.13	8	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	08/16/10 - 11/30/18	3.19	7	0.79	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	08/16/10 - 11/30/18	0.61	7	0.12	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	08/16/10 - 11/30/18	17.72	8	3.81	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	08/16/10 - 11/30/18	5	8	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	08/16/10 - 11/30/18	40.18	7	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	78		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	78		7	4.38	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	78	0.91	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0504\_11 Toledo Bend Reservoir from a line from North Toledo Bend State Park (LA) southwest to Carter's Ferry Rd north of Patroon Bayou (TX) up to a line from the confluence

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	70	475	14.53	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	475	16.45	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	240	474	96.78	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	78		2	8.75	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	78		1	5.30	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	16		7	43.71	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	78		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	78		0		JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	78		0		AD	FS	<input type="checkbox"/>	FS		

<b>Fish Consumption Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	36	0.23	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	42	2.95	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)	12/01/11 - 11/30/18	10	42	1.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	12	34.92	0		TR	FS	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	42	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	36	0.23	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	42	2.95	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	471	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	42	0.50	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0504\_12 Toledo Bend Reservoir from a line from Louisiana State Park #15 (LA) west to Pleasure Bend Rd (TX) up to Cypress Bend Golf Resort (LA) west to Alpine Marina (TX)

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>	<b>LOS</b>	<b>CF</b>	<b>Int LOS</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>						
Dissolved Solids	Chloride	12/01/11 - 11/30/18	70	475	14.53	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	475	16.45	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	240	474	96.78	0		AD	FS	☐	FS		
<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>	<b>LOS</b>	<b>CF</b>	<b>Int LOS</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>						
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	☐	NS	Mercury in edible tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	36	0.23	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	42	2.95	0		AD	FS	☐	FS		
<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>	<b>LOS</b>	<b>CF</b>	<b>Int LOS</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>						
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	42	1.05	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	12	34.92	0		TR	FS	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	42	0.05	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	36	0.23	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	42	2.95	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	471	0.05	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	42	0.50	0		AD	FS	☐	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0504E**      **Clear Lake**

**AUID: 0504E\_01**      Clear Lake an oxbow lake 12 mi northwest of Logansport, LA

**Fish Consumption Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c	

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0505**

**Sabine River Above Toledo Bend Reservoir**

**AUID: 0505\_01**

Sabine River from a point immediately upstream of the confluence of Murvaul Creek in Panola County upstream to the confluence of Hoggs Bayou 9 km east of Carthag

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Acute Toxic Substances in water	Arsenic (dissolved)	08/18/10 - 11/30/18	340	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Cadmium (dissolved)	08/18/10 - 11/30/18	7.58	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	08/18/10 - 11/30/18	513.13	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Copper (dissolved)	08/18/10 - 11/30/18	12.59	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Lead (dissolved)	08/18/10 - 11/30/18	56.17	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Nickel (dissolved)	08/18/10 - 11/30/18	420.24	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Selenium	08/18/10 - 11/30/18	20	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Zinc (dissolved)	08/18/10 - 11/30/18	105.15	9		0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Arsenic (dissolved)	08/18/10 - 11/30/18	150	9	1.11	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Cadmium (dissolved)	08/18/10 - 11/30/18	0.13	9	0.06	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	08/18/10 - 11/30/18	36.42	9	2.89	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Copper (dissolved)	08/18/10 - 11/30/18	4.51	9	1.36	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Lead (dissolved)	08/18/10 - 11/30/18	0.97	9	0.18	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Nickel (dissolved)	08/18/10 - 11/30/18	24.96	9	6.78	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Selenium	08/18/10 - 11/30/18	5	9	1.22	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Zinc (dissolved)	08/18/10 - 11/30/18	56.65	9	2.50	0		LD	NC	<input type="checkbox"/>	NC			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	68		0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	68		0		AD	NC	<input type="checkbox"/>	NC			
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	42	1	45			LD	NC	<input type="checkbox"/>	NC			
Habitat	Habitat	12/01/11 - 11/30/18	20	1	25			LD	NC	<input type="checkbox"/>	NC			
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	30	1	33			LD	NC	<input type="checkbox"/>	NC			

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0505\_01 Sabine River from a point immediately upstream of the confluence of Murvaul Creek in Panola County upstream to the confluence of Hoggs Bayou 9 km east of Carthag

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	42	30.08	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/11 - 11/30/18	175	244	54.46	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	244	50.65	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	309	259.96	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	68		4	8.68	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	68		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	64		1	2.01	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	66		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	69		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			
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	25	0.24	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	25	7.48	0		AD	FS	<input type="checkbox"/>	FS		



## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0505\_01 Sabine River from a point immediately upstream of the confluence of Murvaul Creek in Panola County upstream to the confluence of Hoggs Bayou 9 km east of Carthag

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	25	1.24	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	10	146.90	0		TR	FS	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	25	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	25	0.24	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	25	7.48	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	237	0.59	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	25	1.24	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0505\_02

Sabine River from the confluence of Hoggs Bayou 9 km east of Carthage upstream to the confluence of Irons Bayou 5.9 km north of Carthage

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	175	244	54.46	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	244	50.65	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	309	259.96	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)	12/01/11 - 11/30/18	1.15	25	0.24	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	25	7.48	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)	12/01/11 - 11/30/18	10	25	1.24	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	10	146.90	0		TR	FS	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	25	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	25	0.24	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	25	7.48	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	237	0.59	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	25	1.24	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0505\_03**

Sabine River from the confluence of Irons Bayou 5.9 km north of Carthage upstream to the confluence of Hatley Creek 7.7 km north of Tatum

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Arsenic (dissolved)	08/18/10 - 11/30/18	340	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	08/18/10 - 11/30/18	6.91	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	08/18/10 - 11/30/18	474.60	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	08/18/10 - 11/30/18	11.51	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	08/18/10 - 11/30/18	50.61	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	08/18/10 - 11/30/18	387.68	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	08/18/10 - 11/30/18	20	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	08/18/10 - 11/30/18	96.99	8		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	08/18/10 - 11/30/18	150	7	1.29	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	08/18/10 - 11/30/18	0.13	7	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	08/18/10 - 11/30/18	36.42	7	3	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	08/18/10 - 11/30/18	4.51	7	2.08	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	08/18/10 - 11/30/18	0.97	7	0.22	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	08/18/10 - 11/30/18	24.96	7	8.36	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	08/18/10 - 11/30/18	5	7	1.71	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	08/18/10 - 11/30/18	56.65	7	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	62		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	62		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	12/01/11 - 11/30/18	126	45	25.78	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0505\_03**

Sabine River from the confluence of Irons Bayou 5.9 km north of Carthage upstream to the confluence of Hatley Creek 7.7 km north of Tatum

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	175	244	54.46	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	244	50.65	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	309	259.96	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	62		4	8.80	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	62		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	32		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	67		4	2.17	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	68		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	63		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)	12/01/11 - 11/30/18	1.15	25	0.24	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	25	7.48	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)	12/01/11 - 11/30/18	10	25	1.24	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	10	146.90	0		TR	FS	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	25	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	25	0.24	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	25	7.48	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	237	0.59	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	25	1.24	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0505\_04**

Sabine River from the confluence of Hatley Creek 7.7.km north of Tatum upstream to the confluence of Grace Creek near IH 20 west of Longview

## 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	Arsenic (dissolved)	12/01/11 - 11/30/18	340	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	6.91	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	474.60	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	11.51	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	50.61	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	387.68	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	96.99	2		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	1	4	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.13	1	0.05	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	34.99	1	1	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	4.33	1	2	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	0.92	1	0.20	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	23.96	1	7	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	1	2	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	54.35	1	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	38		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	38		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	20	138.77	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0505\_04

Sabine River from the confluence of Hatley Creek 7.7.km north of Tatum upstream to the confluence of Grace Creek near IH 20 west of Longview

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Dissolved Solids	Chloride	12/01/11 - 11/30/18	175	244	54.46	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	244	50.65	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	309	259.96	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	37		2	8.70	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	37		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	20		4	3.37	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	20		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	38		0		AD	FS	<input type="checkbox"/>	FS		
<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	25	0.24	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	25	7.48	0		AD	FS	<input type="checkbox"/>	FS		
<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	25	1.24	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	10	146.90	0		TR	FS	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	25	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	25	0.24	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	25	7.48	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	237	0.59	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	25	1.24	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0505\_05

Sabine River from the confluence of Grace Creek near IH 20 west of Longview upstream to a point 100 m downstream of US 271 in Gladewater

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Arsenic (dissolved)	08/10/11 - 11/30/18	340	11		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	08/10/11 - 11/30/18	5.90	11		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	08/10/11 - 11/30/18	415.45	11		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Copper (dissolved)	08/10/11 - 11/30/18	9.87	11		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Lead (dissolved)	08/10/11 - 11/30/18	42.33	11		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Nickel (dissolved)	08/10/11 - 11/30/18	337.88	11		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Selenium	08/10/11 - 11/30/18	20	11		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Zinc (dissolved)	08/10/11 - 11/30/18	84.52	11		0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	08/10/11 - 11/30/18	150	11	1	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	08/10/11 - 11/30/18	0.13	11	0.07	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	08/10/11 - 11/30/18	36.42	11	2.09	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Copper (dissolved)	08/10/11 - 11/30/18	4.51	11	0.82	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Lead (dissolved)	08/10/11 - 11/30/18	0.97	11	0.23	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	08/10/11 - 11/30/18	24.96	11	5.36	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Selenium	08/10/11 - 11/30/18	5	11	0.86	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	08/10/11 - 11/30/18	56.65	11	3.32	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	128		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	128		4	4.08	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	12/01/11 - 11/30/18	126	84	79.41	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0505\_05

Sabine River from the confluence of Grace Creek near IH 20 west of Longview upstream to a point 100 m downstream of US 271 in Gladewater

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	175	244	54.46	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	244	50.65	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	309	259.96	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	127		4	8.63	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	127		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	14		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	86		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	85		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	129		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)	12/01/11 - 11/30/18	1.15	25	0.24	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	25	7.48	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)	12/01/11 - 11/30/18	10	25	1.24	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	10	146.90	0		TR	FS	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	25	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	25	0.24	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	25	7.48	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	237	0.59	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	25	1.24	0		AD	FS	<input type="checkbox"/>	FS		



## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0505B**      **Grace Creek**

**AUID: 0505B\_01**      Grace Creek an Appendix D perennial stream from the confluence of the Sabine River upstream to an unnamed tributary from Longview WWTP south of Loop 281

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	21	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	21	0	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	20    247.97	1	AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5b

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0505B\_02** Grace Creek an Appendix D perennial stream from an unnamed tributary from Longview WWTP south of Loop 281 upstream to the headwater at FM 1844

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	4	9	2 3.25	SM	CN	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	9	1 1.80	SM	NC	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	39	2 2.30	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	39	4 3.03	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	35 313.07	1	AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5b

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0505D**      **Rabbit Creek**

**AUID: 0505D\_01**      Rabbit Creek an Appendix D perennial stream from the confluence of the Sabine River upstream to the confluence of Bighead Creek on the north side of Kilgore

**Recreation Use**

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

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0505E**

**Brandy Branch Reservoir**

**AUID: 0505E\_01**

Brandy Branch Reservoir from the Harrison County Dam up to normal pool elevation of 340 feet southwest of Marshall

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28	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	02/03/10 - 11/30/18	126	20 1.72	0	AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	23	2 0.14	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	25	1 40.00	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	27	0	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	24	0	JQ	NA	<input type="checkbox"/>	NA		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0505F**

**Martin Creek Reservoir**

**AUID: 0505F\_01**

Martin Creek Reservoir from Rusk County Dam up to normal pool elevation of 306 feet northeast of Henderson

### 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	12/01/11 - 11/30/18	3	26	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	26	0		AD	NC	<input type="checkbox"/>	NC				

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	E. coli	08/11/09 - 11/30/18	126	19	1.62	0	LD	NC	<input type="checkbox"/>	NC				

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	26	0		JQ	NA	<input type="checkbox"/>	NA				
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	25	9	35.07	JQ	NA	<input type="checkbox"/>	NA				
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	27	0		JQ	NA	<input type="checkbox"/>	NA				
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	23	0		JQ	NA	<input type="checkbox"/>	NA				

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0505G      Wards Creek**

**AUID: 0505G\_01      Wards Creek an Appendix D intermittent stream with perennial pools from the confluence of Sewell Creek upstream to the confluence of an unnamed second order tribut**

**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	12/01/11 - 11/30/18	4					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5c
Habitat	Habitat	12/01/11 - 11/30/18	14					ID	NA	<input checked="" type="checkbox"/>	CS	Impaired habitat in water	

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 05050 Hills Lake**

**AUID: 05050\_01 Hills Lake an oxbow lake 13 mi east of Carthage**

**Fish Consumption Use**

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18				OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0506**

**Sabine River Below Lake Tawakoni**

**AUID: 0506\_01**

Sabine River from a point 100 m downstream of US 271 in Gladewater upstream to the confluence of Big Sandy Creek

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Acute Toxic Substances in water	Arsenic (dissolved)	08/17/10 - 11/30/18	340	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Cadmium (dissolved)	08/17/10 - 11/30/18	7.91	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	08/17/10 - 11/30/18	532.15	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Copper (dissolved)	08/17/10 - 11/30/18	13.13	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Lead (dissolved)	08/17/10 - 11/30/18	58.97	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Nickel (dissolved)	08/17/10 - 11/30/18	436.34	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Selenium	08/17/10 - 11/30/18	20	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Zinc (dissolved)	01/13/09 - 11/30/18	109.19	10		0		AD	FS	<input type="checkbox"/>	FS			
Chronic Toxic Substances in water	Arsenic (dissolved)	08/17/10 - 11/30/18	150	9	1	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Cadmium (dissolved)	08/17/10 - 11/30/18	0.15	9	0.05	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	08/17/10 - 11/30/18	41.32	9	2.33	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Copper (dissolved)	08/17/10 - 11/30/18	5.15	9	1.61	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Lead (dissolved)	08/17/10 - 11/30/18	1.15	9	0.20	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Nickel (dissolved)	08/17/10 - 11/30/18	28.44	9	4.89	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Selenium	08/17/10 - 11/30/18	5	9	0.72	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Zinc (dissolved)	01/13/09 - 11/30/18	64.55	10	2.90	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	66		0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	66		0		AD	NC	<input type="checkbox"/>	NC			

**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	12/01/11 - 11/30/18	126	47	78.73	0		AD	FS	<input type="checkbox"/>	FS			



# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0506\_01 Sabine River from a point 100 m downstream of US 271 in Gladewater upstream to the confluence of Big Sandy Creek

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	200	215	66.99	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	215	37.20	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	215	262.68	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	66		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	66		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	16		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	69		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	70		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	67		0		AD	FS	<input type="checkbox"/>	FS		

<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)	12/01/11 - 11/30/18	1.15	21	0.25	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	7.50	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)	12/01/11 - 11/30/18	10	21	1.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	6	48.17	0		TR	NC	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	21	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.25	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	7.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	212	0.20	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	21	0.81	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0506\_02**

Sabine River from the confluence of Big Sandy Creek upstream to the confluence of Lake Fork Creek 12 km southeast of Mineola

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Arsenic (dissolved)	08/17/10 - 11/30/18	340	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	08/17/10 - 11/30/18	7.91	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	08/17/10 - 11/30/18	532.15	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	08/17/10 - 11/30/18	13.13	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	08/17/10 - 11/30/18	58.97	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	08/17/10 - 11/30/18	436.34	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	08/17/10 - 11/30/18	20	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	01/13/09 - 11/30/18	109.19	10		0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	08/17/10 - 11/30/18	150	8	1	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	08/17/10 - 11/30/18	0.15	8	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	08/17/10 - 11/30/18	41.32	8	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	08/17/10 - 11/30/18	5.15	8	1.00	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	08/17/10 - 11/30/18	1.15	8	0.24	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	08/17/10 - 11/30/18	28.44	8	6.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	08/17/10 - 11/30/18	5	8	0.75	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	01/13/09 - 11/30/18	64.55	9	2.78	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	73		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	73		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	12/01/11 - 11/30/18	126	51	80.36	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0506\_02**

Sabine River from the confluence of Big Sandy Creek upstream to the confluence of Lake Fork Creek 12 km southeast of Mineola

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Dissolved Solids	Chloride	12/01/11 - 11/30/18	200	215	66.99	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	215	37.20	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	215	262.68	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	73		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	73		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	74		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	75		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	73		0		AD	FS	<input type="checkbox"/>	FS		
<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.25	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	7.50	0		AD	FS	<input type="checkbox"/>	FS		
<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	21	1.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	6	48.17	0		TR	NC	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	21	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.25	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	7.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	212	0.20	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	21	0.81	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0506\_03**

Sabine River from the confluence of Lake Fork Creek 12 km southeast of Mineola upstream to the confluence of Grand Saline Creek 7 km west of Mineola

### 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	Arsenic (dissolved)	08/17/10 - 11/30/18	340	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	08/17/10 - 11/30/18	11.90	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	08/17/10 - 11/30/18	750.54	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	08/17/10 - 11/30/18	19.50	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	08/17/10 - 11/30/18	92.97	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	08/17/10 - 11/30/18	622.43	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	08/17/10 - 11/30/18	20	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	01/13/09 - 11/30/18	155.84	10		0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	08/17/10 - 11/30/18	150	8	1.13	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	08/17/10 - 11/30/18	0.15	8	0.09	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	08/17/10 - 11/30/18	41.32	8	2.75	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	08/17/10 - 11/30/18	5.15	8	1.25	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	08/17/10 - 11/30/18	1.15	8	0.22	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	08/17/10 - 11/30/18	28.44	8	8.94	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	08/17/10 - 11/30/18	5	8	0.81	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	01/13/09 - 11/30/18	64.55	9	3.89	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	69		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	69		5	4.36	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	47	121.63	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0506\_03**

Sabine River from the confluence of Lake Fork Creek 12 km southeast of Mineola upstream to the confluence of Grand Saline Creek 7 km west of Mineola

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	200	215	66.99	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	215	37.20	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	215	262.68	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	68		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	68		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	32		1	0.70	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	69		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	70		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	68		0		AD	FS	<input type="checkbox"/>	FS		

<b>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)	12/01/11 - 11/30/18	1.15	21	0.25	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	7.50	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)	12/01/11 - 11/30/18	10	21	1.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	6	48.17	0		TR	NC	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	21	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.25	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	7.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	212	0.20	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	21	0.81	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0506\_04**

Sabine River from the confluence of Grand Saline Creek 7 km west of Mineola upstream to the confluence of Mill Creek 9 km northwest of Grand Saline

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Dissolved Solids	Chloride	12/01/11 - 11/30/18	200	215	66.99	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	215	37.20	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	215	262.68	0		AD	FS	<input type="checkbox"/>	FS		

<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.25	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	7.50	0		AD	FS	<input type="checkbox"/>	FS		

<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	21	1.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	6	48.17	0		TR	NC	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	21	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.25	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	7.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	212	0.20	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	21	0.81	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0506\_05

Sabine River from the confluence of Mill Creek 9 km northwest of Grand saline upstream to the Iron Bridge Dam on Lake Tawakoni

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Dissolved Solids	Chloride	12/01/11 - 11/30/18	200	215	66.99	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	215	37.20	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	215	262.68	0		AD	FS	<input type="checkbox"/>	FS		
<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.25	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	7.50	0		AD	FS	<input type="checkbox"/>	FS		
<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	21	1.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	6	48.17	0		TR	NC	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	21	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.25	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	7.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	212	0.20	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	21	0.81	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0506A**      **Harris Creek**

**AUID: 0506A\_01**      Harris Creek from the confluence of the Sabine River 5.7 km north of Winona upstream to the headwater near SH 64 east of Tyler

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	11	4	4.53	AD	NS	<input type="checkbox"/>	NS	Depressed dissolved oxygen in water		5c	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	11	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	11	0		SM	FS	<input type="checkbox"/>	NA				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	11	4	4.28	SM	CS	<input type="checkbox"/>	NA				

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	12	193.90	1	LD	CN	<input type="checkbox"/>	CN	Bacteria in water			

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	12	1	0.34	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	12	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	12	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	9	0		LD	NC	<input type="checkbox"/>	NC				



## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0506C**      **Wiggins Creek**

**AUID: 0506C\_01**      Wiggins Creek an Appendix D perennial stream from the confluence with Harris Creek upstream to the dam impounding an unnamed reservoir located approximately 3.8

**Aquatic Life Use**

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

**General Use**

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

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0506G**

**Little White Oak Creek**

**AUID: 0506G\_01**

Little White Oak Creek from the confluence of the Sabine River upstream to the headwater upstream of SH 155 and southwest of Gilmer

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	2		0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	2		0		ID	NA	<input type="checkbox"/>	NA		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	42	1	53			LD	NC	<input type="checkbox"/>	NC		
Habitat	Habitat	12/01/11 - 11/30/18	20	1	22			LD	NC	<input type="checkbox"/>	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	30	1	32			LD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0506H**      **Lake Gladewater**

**AUID: 0506H\_01**      Lake Gladewater from the dam up to the normal pool elevation of 300.2 feet in north Gladewater

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	31		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	31		1	4.95	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	26	8.50	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	30		2	0.13	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	29		3	33.80	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	32		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	25		0		JQ	NA	<input type="checkbox"/>	NA		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	31	0.11	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	32	0.05	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0506I**

**Lake Hawkins**

**AUID: 0506I\_01**

Lake Hawkins from the dam upstream to the normal pool elevation of approximately 346 feet northwest of Hawkins

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	52		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	52		0		AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	34	1.36	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
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	47		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	49		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	53		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	39		0		JQ	NA	<input type="checkbox"/>	NA		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0506L**      **Lake Holbrook**

**AUID: 0506L\_01**      Lake Holbrook - from the dam up to the normal pool elevation of 370 feet

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	43	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	43	0	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	31    4.73	0	AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	38	2    0.19	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	36	1    37.00	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	40	0	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	32	0	JQ	NA	<input type="checkbox"/>	NA		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0506M**     **Tyler State Park Lake**

**AUID: 0506M\_01**     Tyler State Park Lake - on Park Road 16 approximately 5.8 mi (9.4 km) north of Tyler

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	10	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	10	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	12/01/11 - 11/30/18	126	9	1.28	0	LD	NC	<input type="checkbox"/>	NC			

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	8		0	JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	9		0	JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	10		0	JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	9		0	JQ	NA	<input type="checkbox"/>	NA			

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0507**

**Lake Tawakoni**

**AUID: 0507\_01**

Lake Tawakoni lowermost area of reservoir, including Cedar Cove, from Iron Bridge Dam up to a line from Sun Point near East Tawakoni to Autumn Point near the Hun

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Acute Toxic Substances in water	Arsenic (dissolved)	08/17/10 - 11/30/18	340	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Cadmium (dissolved)	08/17/10 - 11/30/18	5.22	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	08/17/10 - 11/30/18	374.97	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Copper (dissolved)	08/17/10 - 11/30/18	8.78	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Lead (dissolved)	08/17/10 - 11/30/18	36.88	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Nickel (dissolved)	08/17/10 - 11/30/18	303.93	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Selenium	08/17/10 - 11/30/18	20	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Zinc (dissolved)	01/13/09 - 11/30/18	76.01	10		0		AD	FS	<input type="checkbox"/>	FS			
Chronic Toxic Substances in water	Arsenic (dissolved)	08/17/10 - 11/30/18	150	9	2.56	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Cadmium (dissolved)	08/17/10 - 11/30/18	0.18	9	0.05	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	08/17/10 - 11/30/18	51.42	9	2.44	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Copper (dissolved)	08/17/10 - 11/30/18	6.47	9	1.44	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Lead (dissolved)	08/17/10 - 11/30/18	1.54	9	0.16	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Nickel (dissolved)	08/17/10 - 11/30/18	35.65	9	6.50	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Selenium	08/17/10 - 11/30/18	5	9	0.56	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Zinc (dissolved)	01/13/09 - 11/30/18	80.94	10	2.95	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	76		2	4.75	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	76		7	4.68	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	12/01/11 - 11/30/18	126	52	0.69	0		AD	FS	<input type="checkbox"/>	FS			

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0507\_01 Lake Tawakoni lowermost area of reservoir, including Cedar Cove, from Iron Bridge Dam up to a line from Sun Point near East Tawakoni to Autumn Point near the Hun

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	233	5.90	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	233	9.42	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	237	126.07	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	75		2	9.10	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	75		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	76		0		AD	FS	<input type="checkbox"/>	FS		

<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	7.69	0		AD	FS	<input type="checkbox"/>	FS		

<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	21	2.71	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	6	50.33	0		TR	NC	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	21	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	7.69	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	231	0.15	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	21	0.57	0		AD	FS	<input type="checkbox"/>	FS		



## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0507\_02 Lake Tawakoni from a line from Sun Point in East Tawakoni to Autumn Point near the Hunt/Van Zandt County Line on the west side up to a line from Cloud Point in East Tawakoni

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>			
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	233	5.90	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	233	9.42	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	237	126.07	0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	<input type="checkbox"/>	NC		

<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data 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>			
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	7.69	0		AD	FS	<input type="checkbox"/>	FS		

<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	21	2.71	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	6	50.33	0		TR	NC	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	21	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	7.69	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	231	0.15	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	21	0.57	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0507\_03** Lake Tawakoni from a line from Cloud Point in East Tawakoni to Arm Point near West Tawakoni up to a line from Thunder Point on the east side to Ice point on the west

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Arsenic (dissolved)	08/17/10 - 11/30/18	340	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	08/17/10 - 11/30/18	6.91	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	08/17/10 - 11/30/18	474.60	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	08/17/10 - 11/30/18	11.51	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	08/17/10 - 11/30/18	50.61	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	08/17/10 - 11/30/18	387.68	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	08/17/10 - 11/30/18	20	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	08/17/10 - 11/30/18	96.99	9		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	08/17/10 - 11/30/18	150	9	3	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	08/17/10 - 11/30/18	0.18	9	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	08/17/10 - 11/30/18	51.42	9	2.44	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	08/17/10 - 11/30/18	6.47	9	0.78	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	08/17/10 - 11/30/18	1.54	9	0.17	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	08/17/10 - 11/30/18	35.65	9	6.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	08/17/10 - 11/30/18	5	9	0.56	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	08/17/10 - 11/30/18	80.94	9	4.44	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	79		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	79		5	4.33	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	12/01/11 - 11/30/18	126	55	1.24	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0507\_03 Lake Tawakoni from a line from Cloud Point in East Tawakoni to Arm Point near West Tawakoni up to a line from Thunder Point on the east side to Ice point on the west

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>			
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	233	5.90	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	233	9.42	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	237	126.07	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	78		1	9.10	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	78		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	79		0		AD	FS	<input type="checkbox"/>	FS		

<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data 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>			
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	7.69	0		AD	FS	<input type="checkbox"/>	FS		

<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	21	2.71	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	6	50.33	0		TR	NC	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	21	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	7.69	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	231	0.15	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	21	0.57	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0507\_04 Lake Tawakoni Cowleech Fork of Sabine River arm, including Pawnee Inlet, from a line from Thunder Point on the east side to Ice Point on the west side up to the confluence

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	4		0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	4		0		LD	NC	<input type="checkbox"/>	NC		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	233	5.90	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	233	9.42	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	237	126.07	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	4		1	9.10	LD	NC	<input type="checkbox"/>	NC		
Low pH	pH	12/01/11 - 11/30/18	6	4		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	4		0		LD	NC	<input type="checkbox"/>	NC		

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	7.69	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0507\_04 Lake Tawakoni Cowleech Fork of Sabine River arm, including Pawnee Inlet, from a line from Thunder Point on the east side to Ice Point on the west side up to the confl

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	21	2.71	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	6	50.33	0		TR	NC	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	21	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	7.69	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	231	0.15	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	21	0.57	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0507\_05** Lake Tawakoni South Fork Sabine arm, including Kitsee Inlet and Waco Bay, to a line from Finger Point on the north side to Spring Point in Tawakoni State Park on the

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Arsenic (dissolved)	08/17/10 - 11/30/18	340	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	08/17/10 - 11/30/18	7.24	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	08/17/10 - 11/30/18	493.95	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	08/17/10 - 11/30/18	12.05	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	08/17/10 - 11/30/18	53.39	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	08/17/10 - 11/30/18	404.02	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	08/17/10 - 11/30/18	20	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	01/13/09 - 11/30/18	101.09	10		0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	08/17/10 - 11/30/18	150	9	3.11	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	08/17/10 - 11/30/18	0.18	9	0.08	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	08/17/10 - 11/30/18	51.42	9	2.44	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	08/17/10 - 11/30/18	6.47	9	1.39	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	08/17/10 - 11/30/18	1.54	9	0.20	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	08/17/10 - 11/30/18	35.65	9	6.61	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	08/17/10 - 11/30/18	5	9	0.56	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	01/13/09 - 11/30/18	80.94	10	4.17	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	78		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	78		6	4.18	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	12/01/11 - 11/30/18	126	53	1.03	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0507\_05 Lake Tawakoni South Fork Sabine arm, including Kitsee Inlet and Waco Bay, to a line from Finger Point on the north side to Spring Point in Tawakoni State Park on the

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	233	5.90	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	233	9.42	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	237	126.07	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	77		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	77		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	78		0		AD	FS	<input type="checkbox"/>	FS		

<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	7.69	0		AD	FS	<input type="checkbox"/>	FS		

<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	21	2.71	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	6	50.33	0		TR	NC	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	21	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	7.69	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	231	0.15	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	21	0.57	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0507\_06 Lake Tawakoni Caddo Creek arm, including Caddo Inlet and Hickory Cove, to a line from Ice point on the north side to Rainbow Point near West Tawakoni on the south

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	233	5.90	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	233	9.42	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	237	126.07	0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	<input type="checkbox"/>	NC		

<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)	12/01/11 - 11/30/18	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	7.69	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)	12/01/11 - 11/30/18	10	21	2.71	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	6	50.33	0		TR	NC	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	21	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	7.69	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	231	0.15	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	21	0.57	0		AD	FS	<input type="checkbox"/>	FS		



# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0507A**      **Cowleech Fork Sabine River**

**AUID: 0507A\_01**      Cowleech Fork from the confluence of Lake Tawakoni upstream to the confluence of Long Branch east of Greenville

**Aquatic Life Use**

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

**General Use**

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

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0507A\_02 Cowleech Fork from the confluence of Long Branch east of Greenville upstream to the headwater northwest of Celeste

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

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0507B      Long Branch**

**AUID: 0507B\_01      Long Branch from the confluence with Cowleech Fork Sabine River east of Greenville upstream to the headwater northeast of Greenville**

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

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0507G**      **South Fork of Sabine River**

**AUID: 0507G\_01**      South Fork of Sabine River from the confluence of Lake Tawakoni upstream to the confluence of Parker and Sabine Creeks

**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	03/29/10 - 11/30/18	126	20	309.78	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5b	

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0507H**      **Caddo Creek**

**AUID: 0507H\_01**      Caddo Creek from the confluence of Lake Tawakoni at Caddo Inlet upstream to the confluence of East Caddo and West Caddo Creeks

**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	12/01/11 - 11/30/18	1.50					ID	NA	<input checked="" type="checkbox"/>	CN	Depressed dissolved oxygen in water		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2					ID	NA	<input checked="" type="checkbox"/>	CS	Depressed dissolved oxygen in water		

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0508**

**Adams Bayou Tidal**

**AUID: 0508\_01**

Lower 3 mi of segment

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Arsenic (dissolved)	08/18/10 - 11/30/18	149	9		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	08/18/10 - 11/30/18	40	9		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Copper (dissolved)	08/18/10 - 11/30/18	13.50	8		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Lead (dissolved)	08/18/10 - 11/30/18	133	8		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel (dissolved)	08/18/10 - 11/30/18	118	9		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Selenium	08/18/10 - 11/30/18	564	9		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc (dissolved)	08/18/10 - 11/30/18	92.70	8		0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	08/18/10 - 11/30/18	78	9	4	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	08/18/10 - 11/30/18	8.75	9	0.07	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper (dissolved)	08/18/10 - 11/30/18	3.60	8	1.65	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead (dissolved)	08/18/10 - 11/30/18	5.30	8	0.28	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	08/18/10 - 11/30/18	13.10	9	5.33	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	08/18/10 - 11/30/18	136	9	10.50	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	08/18/10 - 11/30/18	84.20	8	3.50	0		LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	80		15	2.46	AD	NS	☐	NS	Depressed dissolved oxygen in water	4a
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	80		23	2.81	AD	CS	☐	CS	Depressed dissolved oxygen in water	

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/11 - 11/30/18	35	79	211.63	1		AD	NS	☐	NS	Bacteria in water	4a

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0508\_01 Lower 3 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>		
High pH	pH	12/01/11 - 11/30/18	8.50	81		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	81		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.66	81		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	81		0		AD	FS	<input type="checkbox"/>	FS		
<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
HH Bioaccumulative Toxics in water	Lead (dissolved)	08/18/10 - 11/30/18	3.83	8	0.28	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	08/18/10 - 11/30/18	1,140	9	5.33	0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0508\_02      2 mile reach near Western Avenue

### Aquatic Life Use

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

### Recreation Use

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

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	08/18/10 - 11/30/18	3.83	8 0.28	0	LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	08/18/10 - 11/30/18	1,140	9 5.33	0	LD	NC	<input type="checkbox"/>	NC		



## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0508\_03      1 mile reach near Green Avenue

### Aquatic Life Use

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

### Recreation Use

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

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	08/18/10 - 11/30/18	3.83	8 0.28	0	LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	08/18/10 - 11/30/18	1,140	9 5.33	0	LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0508\_04 Upper 2 miles of segment

### Aquatic Life Use

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

### Recreation Use

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

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Low pH	pH	12/01/11 - 11/30/18				ID	NA	<input checked="" type="checkbox"/>	CN	pH	

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	08/18/10 - 11/30/18	3.83	8 0.28	0	LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	08/18/10 - 11/30/18	1,140	9 5.33	0	LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0508A**      **Adams Bayou Above Tidal**

**AUID: 0508A\_01**      From a point 1.1 km (0.7 mi) upstream of IH 10 in Orange County upstream to the Orange County Line Relief Ditch east of Mauriceville

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	3					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	4a	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	2					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	4a	

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0508B      Gum Gully**

**AUID: 0508B\_01**      From the confluence of Adams Bayou to the upstream perennial portion of the stream northwest of Orange in Orange County

**Aquatic Life Use**

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

**Recreation Use**

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

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0508C**

**Hudson Gully**

**AUID: 0508C\_01** From the confluence with Adams Bayou to the headwaters near US 890 in Pinehurst in Orange County

### Aquatic Life Use

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

### Recreation Use

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

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0509**

**Murvaul Lake**

**AUID: 0509\_01**

Murvaul Lake from the dam up to the normal pool elevation of 265.3 feet

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	29		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	29		1	4.47	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	07/05/11 - 11/30/18	126	20	2.41	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	29	18.14	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	29	25.22	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	29	115.18	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	29		1	9.30	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	29		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.30	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	Fluoride	12/01/11 - 11/30/18	4	29	0.11	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	30	0.04	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0510**

**Lake Cherokee**

**AUID: 0510\_01**

Lake Cherokee from the dam in Gregg/Rusk county up to a line at the East Texas Regional Airport runway

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Acute Toxic Substances in water	Selenium	12/01/08 - 11/30/18	20	9		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/08 - 11/30/18	5	9	0.56	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	41		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	41		0		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	12/01/11 - 11/30/18	126	36	7.19	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	12/01/11 - 11/30/18	75	74	16.64	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	74	47.11	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	250	65	140.36	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	40		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	40		1	5.75	AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	41		0		AD	FS	<input type="checkbox"/>	FS		

**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	Nitrate	12/01/11 - 11/30/18	10	74	0.03	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	08/10/11 - 11/30/18	50	11	0.55	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0510\_02** Lake Cherokee from a line at the East Texas Regional Airport runway up to the normal pool elevation of 280 feet

### 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	Selenium	12/01/08 - 11/30/18	20	4		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/08 - 11/30/18	5	4	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	24		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	24		5	4.12	AD	CS	<input type="checkbox"/>	CS	Depressed dissolved oxygen in water	

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	1	0.50	0		ID	NA	<input type="checkbox"/>	NA		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/11 - 11/30/18	75	74	16.64	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	74	47.11	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	250	65	140.36	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	23		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	23		4	4.38	AD	NS	<input type="checkbox"/>	NS	pH	5c
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	24		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	74	0.03	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	08/10/11 - 11/30/18	50	11	0.55	0		AD	FS	<input type="checkbox"/>	FS		



# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0511**

**Cow Bayou Tidal**

**AUID: 0511\_01**

Lower 5 miles

**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	Arsenic (dissolved)	08/18/10 - 11/30/18	149	9		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	08/18/10 - 11/30/18	40	9		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Copper (dissolved)	08/18/10 - 11/30/18	13.50	8		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Lead (dissolved)	08/18/10 - 11/30/18	133	8		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel (dissolved)	08/18/10 - 11/30/18	118	9		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Selenium	08/18/10 - 11/30/18	564	9		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc (dissolved)	08/18/10 - 11/30/18	92.70	8		0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	08/18/10 - 11/30/18	78	9	4.78	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	08/18/10 - 11/30/18	8.75	9	0.05	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper (dissolved)	08/18/10 - 11/30/18	3.60	8	2.07	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead (dissolved)	08/18/10 - 11/30/18	5.30	8	0.24	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	08/18/10 - 11/30/18	13.10	9	6.33	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	08/18/10 - 11/30/18	136	9	12.44	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	08/18/10 - 11/30/18	84.20	8	3.19	0		LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	80		3	2.73	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	80		14	3.27	AD	CS	☐	CS	Depressed dissolved oxygen in water	

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/11 - 11/30/18	35	81	166.53	1		AD	NS	☐	NS	Bacteria in water	4a

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0511\_01 Lower 5 miles

<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>		
High pH	pH	12/01/11 - 11/30/18	8.50	81		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	81		3	5.83	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.66	81		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	81		0		AD	FS	<input type="checkbox"/>	FS		
<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
HH Bioaccumulative Toxics in water	Lead (dissolved)	08/18/10 - 11/30/18	3.83	8	0.24	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	08/18/10 - 11/30/18	1,140	9	6.33	0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0511\_02      6 mile reach near FM 105

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	4					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	4a
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	4a

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
HH Bioaccumulative Toxics in water	Lead (dissolved)	08/18/10 - 11/30/18	3.83	8	0.24	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	08/18/10 - 11/30/18	1,140	9	6.33	0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0511\_03      5 mile reach near FM 1442 (north crossing)

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	4			ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	4a
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3			ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	4a

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/11 - 11/30/18	35			ID	NA	<input checked="" type="checkbox"/>	NS	Bacteria in water	4a

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Low pH	pH	12/01/11 - 11/30/18	6			ID	NA	<input checked="" type="checkbox"/>	CN	pH	

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	08/18/10 - 11/30/18	3.83	8 0.24	0	LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	08/18/10 - 11/30/18	1,140	9 6.33	0	LD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0511\_04      Upper 4 miles

## Aquatic Life Use

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

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Low pH	pH	12/01/11 - 11/30/18						ID	NA	<input checked="" type="checkbox"/>	NS	pH	4a

## Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	08/18/10 - 11/30/18	3.83	8	0.24	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	08/18/10 - 11/30/18	1,140	9	6.33	0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0511A      Cow Bayou Above Tidal**

**AUID: 0511A\_02      Upper 5.3 miles of above-tidal reach**

**Aquatic Life Use**

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

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0511B**      **Coon Bayou**

**AUID: 0511B\_01**      From the confluence with Cow Bayou up to the extent of tidal limit in Orange County

### Aquatic Life Use

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

### Recreation Use

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

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0511C Cole Creek**

**AUID: 0511C\_01** From the confluence of Cow Bayou west of Orange in Orange County to the upstream perennial portion of the stream south of Mauriceville in Orange 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 grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18						ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	4a
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18						ID	NA	<input checked="" type="checkbox"/>	CS	Depressed dissolved oxygen in water	



## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0511E**      **Terry Gully**

**AUID: 0511E\_01**      From the confluence with Cow Bayou in Orange County to the headwaters northeast of Vidor in Orange County

### Aquatic Life Use

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

### Recreation Use

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

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0512**

**Lake Fork Reservoir**

**AUID: 0512\_01**

Lake Fork from the dam up to the Wood County Electric Cooperative transmission lines on the Lake Fork Creek arm and up to the SH 154 crossing on the Caney Creek :

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Acute Toxic Substances in water	Arsenic (dissolved)	08/17/10 - 11/30/18	340	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Cadmium (dissolved)	08/17/10 - 11/30/18	3.52	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	08/17/10 - 11/30/18	269.02	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Copper (dissolved)	08/17/10 - 11/30/18	5.99	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Lead (dissolved)	08/17/10 - 11/30/18	23.51	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Nickel (dissolved)	08/17/10 - 11/30/18	215.68	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Selenium	08/17/10 - 11/30/18	20	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Zinc (dissolved)	01/13/09 - 11/30/18	53.91	10		0		AD	FS	<input type="checkbox"/>	FS			
Chronic Toxic Substances in water	Arsenic (dissolved)	08/17/10 - 11/30/18	150	9	1	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Cadmium (dissolved)	08/17/10 - 11/30/18	0.13	9	0.06	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	08/17/10 - 11/30/18	34.99	9	2.33	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Copper (dissolved)	08/17/10 - 11/30/18	4.33	9	0.72	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Lead (dissolved)	08/17/10 - 11/30/18	0.92	9	0.15	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Nickel (dissolved)	08/17/10 - 11/30/18	23.96	9	4.17	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Selenium	08/17/10 - 11/30/18	5	9	0.78	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Zinc (dissolved)	01/13/09 - 11/30/18	54.35	10	3.40	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	79		0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	79		1	3.69	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	12/01/11 - 11/30/18	126	54	1.39	0		AD	FS	<input type="checkbox"/>	FS			

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0512\_01** Lake Fork from the dam up to the Wood County Electric Cooperative transmission lines on the Lake Fork Creek arm and up to the SH 154 crossing on the Caney Creek

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	269	14.45	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	269	19.13	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	267	107.57	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	78		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	78		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	79		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
Bioaccumulative Toxics in fish tissue	Arsenic	10/31/11 - 11/30/18	0.04	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Cadmium	10/31/11 - 11/30/18	0.18	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Chromium	10/31/11 - 11/30/18	5.25	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Copper	10/31/11 - 11/30/18	250.50	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Lead	10/31/11 - 11/30/18	0.60	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Mercury	10/31/11 - 11/30/18	0.53	5		0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0512\_01 Lake Fork from the dam up to the Wood County Electric Cooperative transmission lines on the Lake Fork Creek arm and up to the SH 154 crossing on the Caney Creek

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	21	1	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Barium (dissolved)	08/17/10 - 11/30/18	2,000	12	36.50	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	21	0.05	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	27	0.12	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.19	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	4.60	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	267	0.13	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	21	0.76	0	AD	FS	<input type="checkbox"/>	FS			

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0512\_02** Lake Fork from the SH 154 crossing on the Caney Creek arm up to the normal pool elevation of 403 feet

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Acute Toxic Substances in water	Arsenic (dissolved)	08/17/10 - 11/30/18	340	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	08/17/10 - 11/30/18	6.24	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	08/17/10 - 11/30/18	435.36	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	08/17/10 - 11/30/18	10.42	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	08/17/10 - 11/30/18	45.08	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	08/17/10 - 11/30/18	354.62	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	08/17/10 - 11/30/18	20	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	01/13/09 - 11/30/18	88.71	10		0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	08/17/10 - 11/30/18	150	9	1	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	08/17/10 - 11/30/18	0.13	9	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	08/17/10 - 11/30/18	34.99	9	2.33	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	08/17/10 - 11/30/18	4.33	9	0.78	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	08/17/10 - 11/30/18	0.92	9	0.14	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	08/17/10 - 11/30/18	23.96	9	4.06	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	08/17/10 - 11/30/18	5	9	0.67	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	01/13/09 - 11/30/18	54.35	10	2.50	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	82		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	82		4	4.29	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	12/01/11 - 11/30/18	126	56	2.87	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0512\_02      Lake Fork from the SH 154 crossing on the Caney Creek arm up to the normal pool elevation of 403 feet

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	269	14.45	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	269	19.13	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	267	107.57	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	81		1	9.30	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	81		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	82		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
Bioaccumulative Toxics in fish tissue	Arsenic	10/31/11 - 11/30/18	0.04	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Cadmium	10/31/11 - 11/30/18	0.18	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Chromium	10/31/11 - 11/30/18	5.25	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Copper	10/31/11 - 11/30/18	250.50	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Lead	10/31/11 - 11/30/18	0.60	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Mercury	10/31/11 - 11/30/18	0.53	5		0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0512\_02      Lake Fork from the SH 154 crossing on the Caney Creek arm up to the normal pool elevation of 403 feet

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	21	1	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Barium (dissolved)	08/17/10 - 11/30/18	2,000	12	36.50	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	21	0.05	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	27	0.12	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.19	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	4.60	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	267	0.13	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	21	0.76	0	AD	FS	<input type="checkbox"/>	FS			

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0512\_03      Lake Fork Running Creek arm west of Yantis

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	269	14.45	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	269	19.13	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	267	107.57	0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	<input type="checkbox"/>	NC		

<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
Bioaccumulative Toxics in fish tissue	Arsenic	10/31/11 - 11/30/18	0.04	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Cadmium	10/31/11 - 11/30/18	0.18	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Chromium	10/31/11 - 11/30/18	5.25	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Copper	10/31/11 - 11/30/18	250.50	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Lead	10/31/11 - 11/30/18	0.60	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Mercury	10/31/11 - 11/30/18	0.53	5		0		LD	NC	<input type="checkbox"/>	NC		

<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)	12/01/11 - 11/30/18	10	21	1	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	08/17/10 - 11/30/18	2,000	12	36.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	21	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	4.60	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	267	0.13	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	21	0.76	0		AD	FS	<input type="checkbox"/>	FS		



## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0512\_04** Lower Lake Fork Creek arm from the Wood County Electric Cooperative transmission lines up to the FM 2946 crossing

### 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	Arsenic (dissolved)	08/17/10 - 11/30/18	340	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	08/17/10 - 11/30/18	3.52	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	08/17/10 - 11/30/18	269.02	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	08/17/10 - 11/30/18	5.99	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	08/17/10 - 11/30/18	23.51	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	08/17/10 - 11/30/18	215.68	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	08/17/10 - 11/30/18	20	9		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	01/13/09 - 11/30/18	53.91	9		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	08/17/10 - 11/30/18	150	9	1	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	08/17/10 - 11/30/18	0.13	9	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	08/17/10 - 11/30/18	34.99	9	2.33	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	08/17/10 - 11/30/18	4.33	9	0.72	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	08/17/10 - 11/30/18	0.92	9	1.03	1		JQ	CN	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	08/17/10 - 11/30/18	23.96	9	4.17	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	08/17/10 - 11/30/18	5	9	0.67	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	01/13/09 - 11/30/18	54.35	9	4.30	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	81		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	81		1	4.43	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	57	1.95	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0512\_04 Lower Lake Fork Creek arm from the Wood County Electric Cooperative transmission lines up to the FM 2946 crossing

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	269	14.45	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	269	19.13	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	267	107.57	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	80		1	9.10	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	80		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	81		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
Bioaccumulative Toxics in fish tissue	Arsenic	10/31/11 - 11/30/18	0.04	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Cadmium	10/31/11 - 11/30/18	0.18	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Chromium	10/31/11 - 11/30/18	5.25	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Copper	10/31/11 - 11/30/18	250.50	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Lead	10/31/11 - 11/30/18	0.60	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Mercury	10/31/11 - 11/30/18	0.53	5		0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0512\_04 Lower Lake Fork Creek arm from the Wood County Electric Cooperative transmission lines up to the FM 2946 crossing

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	21	1	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	08/17/10 - 11/30/18	2,000	12	36.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	21	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	4.60	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	267	0.13	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	21	0.76	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0512\_05 Upper Lake Fork Creek arm from the FM 2946 crossing up to the normal pool elevation of 403 feet

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	22	6.26	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	12/01/11 - 11/30/18	50	269	14.45	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	269	19.13	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	267	107.57	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	28		2	9.20	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	28		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	28		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
Bioaccumulative Toxics in fish tissue	Arsenic	10/31/11 - 11/30/18	0.04	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Cadmium	10/31/11 - 11/30/18	0.18	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Chromium	10/31/11 - 11/30/18	5.25	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Copper	10/31/11 - 11/30/18	250.50	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Lead	10/31/11 - 11/30/18	0.60	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Mercury	10/31/11 - 11/30/18	0.53	5		0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0512\_05 Upper Lake Fork Creek arm from the FM 2946 crossing up to the normal pool elevation of 403 feet

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	21	1	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Barium (dissolved)	08/17/10 - 11/30/18	2,000	12	36.50	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	21	0.05	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	27	0.12	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.19	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	4.60	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	267	0.13	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	21	0.76	0	AD	FS	<input type="checkbox"/>	FS			

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0512\_06      Lake Fork Little Caney Creek arm south of Yantis

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	269	14.45	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	269	19.13	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	267	107.57	0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	<input type="checkbox"/>	NC		

<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
Bioaccumulative Toxics in fish tissue	Arsenic	10/31/11 - 11/30/18	0.04	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Cadmium	10/31/11 - 11/30/18	0.18	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Chromium	10/31/11 - 11/30/18	5.25	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Copper	10/31/11 - 11/30/18	250.50	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Lead	10/31/11 - 11/30/18	0.60	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Mercury	10/31/11 - 11/30/18	0.53	5		0		LD	NC	<input type="checkbox"/>	NC		

<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)	12/01/11 - 11/30/18	10	21	1	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	08/17/10 - 11/30/18	2,000	12	36.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	21	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	4.60	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	267	0.13	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	21	0.76	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0512\_07      Lake Fork Birch Creek arm east of Yantis

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	269	14.45	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	269	19.13	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	267	107.57	0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	<input type="checkbox"/>	NC		

<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
Bioaccumulative Toxics in fish tissue	Arsenic	10/31/11 - 11/30/18	0.04	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Cadmium	10/31/11 - 11/30/18	0.18	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Chromium	10/31/11 - 11/30/18	5.25	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Copper	10/31/11 - 11/30/18	250.50	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Lead	10/31/11 - 11/30/18	0.60	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Mercury	10/31/11 - 11/30/18	0.53	5		0		LD	NC	<input type="checkbox"/>	NC		

<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)	12/01/11 - 11/30/18	10	21	1	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	08/17/10 - 11/30/18	2,000	12	36.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	21	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	21	4.60	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	267	0.13	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	21	0.76	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0512A**      **Running Creek**

**AUID: 0512A\_01**      Running Creek from the confluence of Lake Fork at the Hopkins/Wood County line upstream to the headwater 400 m south of SH 11 southeast of Sulphur Springs

### 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 screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18						ID	NA	<input checked="" 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	05/20/09 - 11/30/18	126	19	535.56	1		LD	CN	<input checked="" type="checkbox"/>	NS	Bacteria in water	5b

### General Use

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



## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0512B**      **Elm Creek**

**AUID: 0512B\_01**      Elm Creek from the confluence of Lake Fork 375 m downstream of FM 514 upstream to the headwater at Hopkins CR 1110 southwest of Sulphur Springs

### Aquatic Life Use

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

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	10    1,388.95	1	LD	CN	<input checked="" type="checkbox"/>	NS	Bacteria in water	5b

### General Use

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

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0513**

**Big Cow Creek**

**AUID: 0513\_01**

Big Cow Creek from the confluence with the Sabine River southeast of Kirbyville upstream to the confluence of White Oak Creek west of Kirbyville

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Acute Toxic Substances in water	Arsenic (dissolved)	08/17/10 - 11/30/18	340	9	0	0	LD	NC	☐	NC				
Acute Toxic Substances in water	Cadmium (dissolved)	08/17/10 - 11/30/18	1.79	9	0	0	LD	NC	☐	NC				
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	08/17/10 - 11/30/18	152.49	9	0	0	LD	NC	☐	NC				
Acute Toxic Substances in water	Copper (dissolved)	08/17/10 - 11/30/18	3.12	8	0	0	LD	NC	☐	NC				
Acute Toxic Substances in water	Lead (dissolved)	08/17/10 - 11/30/18	10.79	8	0	0	LD	NC	☐	NC				
Acute Toxic Substances in water	Nickel (dissolved)	08/17/10 - 11/30/18	119.99	9	0	0	LD	NC	☐	NC				
Acute Toxic Substances in water	Selenium	08/17/10 - 11/30/18	20	9	0	0	LD	NC	☐	NC				
Acute Toxic Substances in water	Zinc (dissolved)	08/17/10 - 11/30/18	29.97	8	0	0	LD	NC	☐	NC				
Chronic Toxic Substances in water	Arsenic (dissolved)	08/17/10 - 11/30/18	150	9	1	0	LD	NC	☐	NC				
Chronic Toxic Substances in water	Cadmium (dissolved)	08/17/10 - 11/30/18	0.06	9	0.04	0	LD	NC	☐	NC				
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	08/17/10 - 11/30/18	13.05	9	2.33	0	LD	NC	☐	NC				
Chronic Toxic Substances in water	Copper (dissolved)	08/17/10 - 11/30/18	1.55	8	0.88	0	LD	NC	☐	NC				
Chronic Toxic Substances in water	Lead (dissolved)	08/17/10 - 11/30/18	0.24	8	0.40	1	LD	CN	☐	CN	Lead in water			
Chronic Toxic Substances in water	Nickel (dissolved)	08/17/10 - 11/30/18	8.65	9	2.50	0	LD	NC	☐	NC				
Chronic Toxic Substances in water	Selenium	08/17/10 - 11/30/18	5	9	0.50	0	LD	NC	☐	NC				
Chronic Toxic Substances in water	Zinc (dissolved)	08/17/10 - 11/30/18	19.60	8	3.06	0	LD	NC	☐	NC				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	80	0	0	AD	FS	☐	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	80	0	0	AD	NC	☐	NC				

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	81	184.64	1	AD	NS	☐	NS	Bacteria in water		5c	

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0513\_01**

Big Cow Creek from the confluence with the Sabine River southeast of Kirbyville upstream to the confluence of White Oak Creek west of Kirbyville

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Dissolved Solids	Chloride	12/01/11 - 11/30/18	75	81	6.50	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	81	2.85	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	300	80	27.89	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	80		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	5.50	80		1	5.40	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	78		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	81		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	80		0		AD	FS	<input type="checkbox"/>	FS		
<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
HH Bioaccumulative Toxics in water	Lead (dissolved)	08/17/10 - 11/30/18	1.15	8	0.49	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	08/17/10 - 11/30/18	332	9	2.50	0		LD	NC	<input type="checkbox"/>	NC		
<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	08/17/10 - 11/30/18	10	9	1	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	2	46.50	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	08/17/10 - 11/30/18	5	9	0.06	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Lead (dissolved)	08/17/10 - 11/30/18	1.15	8	0.49	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	08/17/10 - 11/30/18	332	9	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	78	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	08/17/10 - 11/30/18	50	9	0.50	0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0513\_02      Big Cow Creek from the confluence of White Oak Creek west of Kirbyville upstream to the headwater 4.6 km (2.9 mi) upstream of Recreational Road 255 in Newton Cc

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Dissolved Solids	Chloride	12/01/11 - 11/30/18	75	81	6.50	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	81	2.85	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	300	80	27.89	0		AD	FS	<input type="checkbox"/>	FS		

<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
HH Bioaccumulative Toxics in water	Lead (dissolved)	08/17/10 - 11/30/18	1.15	8	0.49	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	08/17/10 - 11/30/18	332	9	2.50	0		LD	NC	<input type="checkbox"/>	NC		

<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	08/17/10 - 11/30/18	10	9	1	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	2	46.50	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	08/17/10 - 11/30/18	5	9	0.06	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Lead (dissolved)	08/17/10 - 11/30/18	1.15	8	0.49	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	08/17/10 - 11/30/18	332	9	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	78	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	08/17/10 - 11/30/18	50	9	0.50	0		LD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0514**

**Big Sandy Creek**

**AUID: 0514\_01**

Big Sandy Creek from the confluence with the Sabine River in Upshur County upstream to the Lake Winnsboro Dam (Wood County Dam No. 4)

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Acute Toxic Substances in water	Arsenic (dissolved)	08/18/10 - 11/30/18	340	8		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Cadmium (dissolved)	08/18/10 - 11/30/18	3.86	8		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	08/18/10 - 11/30/18	290.86	8		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Copper (dissolved)	08/18/10 - 11/30/18	6.55	8		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Lead (dissolved)	08/18/10 - 11/30/18	26.14	8		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Nickel (dissolved)	08/18/10 - 11/30/18	233.79	8		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Selenium	08/18/10 - 11/30/18	20	8		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Zinc (dissolved)	01/14/09 - 11/30/18	58.45	9		0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Arsenic (dissolved)	08/18/10 - 11/30/18	150	5	1	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Cadmium (dissolved)	08/18/10 - 11/30/18	0.09	5	0.05	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	08/18/10 - 11/30/18	23.03	5	2.60	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Copper (dissolved)	08/18/10 - 11/30/18	2.80	5	0.86	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Lead (dissolved)	08/18/10 - 11/30/18	0.52	5	0.26	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Nickel (dissolved)	08/18/10 - 11/30/18	15.55	5	3	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Selenium	08/18/10 - 11/30/18	5	5	0.50	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Zinc (dissolved)	01/14/09 - 11/30/18	35.26	6	3.37	0		LD	NC	<input type="checkbox"/>	NC			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	66		0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	66		0		AD	NC	<input type="checkbox"/>	NC			

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	62	152.06	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c	

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0514\_01

Big Sandy Creek from the confluence with the Sabine River in Upshur County upstream to the Lake Winnsboro Dam (Wood County Dam No. 4)

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Dissolved Solids	Chloride	12/01/11 - 11/30/18	75	107	16.10	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	107	16.52	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	300	107	88.50	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	65		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	65		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	77		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	79		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	66		0		AD	FS	<input type="checkbox"/>	FS		
<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
HH Bioaccumulative Toxics in water	Lead (dissolved)	08/18/10 - 11/30/18	1.15	9	0.35	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	08/18/10 - 11/30/18	332	9	3.06	0		LD	NC	<input type="checkbox"/>	NC		
<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	08/18/10 - 11/30/18	10	9	1	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	2	36.50	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	08/18/10 - 11/30/18	5	9	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	28	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	08/18/10 - 11/30/18	1.15	9	0.35	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	08/18/10 - 11/30/18	332	9	3.06	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	105	0.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	08/18/10 - 11/30/18	50	9	0.56	0		LD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID: 0514\_02**

Big Sandy Creek from the Lake Winnsboro Dam (Wood County Dam No. 4) upstream to a point 2.6 km (1.6 mi) upstream of SH 11 in Hopkins County

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	27		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	27		1	4.76	AD	NC	☐	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	02/16/11 - 11/30/18	126	20	3.55	0		AD	FS	☐	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	75	107	16.10	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	107	16.52	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	300	107	88.50	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	28		8	9.14	AD	NS	☐	NS	pH	5c
Low pH	pH	12/01/11 - 11/30/18	6	28		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	27		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	25		23	43.71	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	20		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	28		2	32.75	AD	FS	☐	FS		

## Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	08/18/10 - 11/30/18	1.15	9	0.35	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	08/18/10 - 11/30/18	332	9	3.06	0		LD	NC	☐	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0514\_02      Big Sandy Creek from the Lake Winnsboro Dam (Wood County Dam No. 4) upstream to a point 2.6 km (1.6 mi) upstream of SH 11 in Hopkins County

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	08/18/10 - 11/30/18	10	9	1	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	2	36.50	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	08/18/10 - 11/30/18	5	9	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	28	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	08/18/10 - 11/30/18	1.15	9	0.35	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	08/18/10 - 11/30/18	332	9	3.06	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	105	0.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	08/18/10 - 11/30/18	50	9	0.56	0		LD	NC	<input type="checkbox"/>	NC		



# 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0515**

**Lake Fork Creek**

**AUID: 0515\_01**

Lake Fork Creek from the confluence of the Sabine River in Wood County upstream to Lake Fork Dam in Wood County east of Quitman

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Acute Toxic Substances in water	Arsenic (dissolved)	08/17/10 - 11/30/18	340	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Cadmium (dissolved)	08/17/10 - 11/30/18	5.22	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	08/17/10 - 11/30/18	374.97	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Copper (dissolved)	08/17/10 - 11/30/18	8.78	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Lead (dissolved)	08/17/10 - 11/30/18	36.88	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Nickel (dissolved)	08/17/10 - 11/30/18	303.93	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Selenium	08/17/10 - 11/30/18	20	9		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Zinc (dissolved)	08/17/10 - 11/30/18	76.01	9		0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Arsenic (dissolved)	08/17/10 - 11/30/18	150	9	1	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Cadmium (dissolved)	08/17/10 - 11/30/18	0.14	9	0.05	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	08/17/10 - 11/30/18	38.54	9	2.33	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Copper (dissolved)	08/17/10 - 11/30/18	4.79	9	0.72	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Lead (dissolved)	08/17/10 - 11/30/18	1.04	9	0.34	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Nickel (dissolved)	08/17/10 - 11/30/18	26.47	9	4.61	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Selenium	08/17/10 - 11/30/18	5	9	0.83	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Zinc (dissolved)	08/17/10 - 11/30/18	60.06	9	3.39	0		LD	NC	<input type="checkbox"/>	NC			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	76		1	2.40	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	76		3	3.87	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	12/01/11 - 11/30/18	126	53	112.54	0		AD	FS	<input type="checkbox"/>	FS			

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**AUID:** 0515\_01

Lake Fork Creek from the confluence of the Sabine River in Wood County upstream to Lake Fork Dam in Wood County east of Quitman

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	76	26.08	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	76	28.97	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	76	137.96	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	76		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	76		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	75		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	76		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	76		0		AD	FS	<input type="checkbox"/>	FS		
<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
HH Bioaccumulative Toxics in water	Lead (dissolved)	08/17/10 - 11/30/18	1.15	9	0.34	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	08/17/10 - 11/30/18	332	9	4.61	0		LD	NC	<input type="checkbox"/>	NC		
<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	08/17/10 - 11/30/18	10	9	1	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	2	50.50	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	08/17/10 - 11/30/18	5	9	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Lead (dissolved)	08/17/10 - 11/30/18	1.15	9	0.34	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	08/17/10 - 11/30/18	332	9	4.61	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	75	0.18	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	08/17/10 - 11/30/18	50	9	0.83	0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

**SEGID: 0515A**      **Lake Quitman**

**AUID: 0515A\_01**      Lake Quitman - from the dam up to the normal pool elevation of 400 feet

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28	1 4.08	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	22 4.04	0	AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	26	6 0.20	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	27	22 40.71	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	28	0	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	18	0	JQ	NA	<input type="checkbox"/>	NA		