

2018 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

Report Abbreviations	Description:
SEGID:	Unique Segment identification alpha-numeric code; can be stream, reservoir, estuary, oyster waters, beach watch, etc.
AUID:	Unique Assessment Unit code; this is a portion of the segment the AUID begins with and ends with _01, _02, etc. Some AUIDs are special units ending in "SA," or oyster water AUIDs are indicated by "OW" and beach watch AUIDs are indicated by abbreviations for name of beach in AUID.
ASMT Start Date:	The start date of the period of record data for this method was selected; the official 2018 period of record is from 12/1/2009 to 11/30/2016. Assessors have the option of going back 10 years (12/1/2006) to select more data, according to assessment guidance.
ASMT End Date:	The end date of the period of record data for this method was selected; the official 2018 period of record dates are 12/1/2009 to 11/30/2016. Assessors have the option of including more recently collected data than 12/01/2016, if available.
# Assd:	Number of samples assessed; some data are averaged, as with profile data, some are eliminated because criteria do not apply during certain conditions such as a low flow.
Mean Assd:	Mean of samples assessed; includes averaged methods like chronic criteria as well as geometric mean calculations for bacteria.
# Exceed:	The number of samples that exceed criteria for single sample, or binomial, methods (not averaged data).
Mean Exceed:	This is the mean of the samples that exceeded criteria for the single sample, or binomial, methods (not averaged data).
Criteria:	Value that the data is compared against to determine level of support; Note: for acute metals in water, each value is compared to a calculated criterion and not all criteria could be reported here, only the minimum in the range of criteria calculated are included.
DS Qual:	<p><i>Dataset Qualifier - indicates sample sizes:</i></p> <p>AD = Adequate Data (10 or more samples) TR = Temporally Not Representative, used with NA</p> <p>LD = Limited Data (less than 9, greater than 3) SR = Spatially Not Representative, used with NA</p> <p>ID = Inadequate Data (less than 4) OE = Other information than ambient samples evaluated</p> <p>JQ = Level of support is based on judgment of the assessor OS = Assessment area outside state boundaries</p> <p>SM = This assessment method is superseded by another method</p>
LOS:	<p><i>Level of support for this use, method, assessment parameter:</i></p> <p>FS = Fully Supporting NS = Nonsupport</p> <p>NC = No Concern CS = Screening Level Concern</p> <p>NA = Not Assessed CN = Use Concern</p>
CF:	Carry forward indicator check box: indicates that the Integrated level of support of CS, CN, or NS was carried forward from a previous assessment due to inadequate data for this method in this assessment.
Int LOS:	Integrated level of support. This is the overall level of support for this use, method, parameter group, which could be different from the LOS (described above) due to carry forward information or other types of changes. New Code added in 2010: PI = Pending Issue
TCEQ Cause:	This is the impairment description (e.g., bacteria, depressed dissolved oxygen, etc.)
Cat:	<p>Category 3: Insufficient or no data and information to determine if standard is attained</p> <p>Category 4: Standard is not attained or nonattainment is predicted in the near future due to one or more parameters, but no TMDLs are required.</p> <p style="padding-left: 20px;">4a - All TMDLs have been completed and approved by EPA.</p> <p style="padding-left: 20px;">4b - Other pollution control requirements are reasonably expected to result in the attainment of the water quality standard in the near future.</p> <p style="padding-left: 20px;">4c - Nonattainment of the standard for one or more parameters is shown to be caused by pollution, not by pollutants and that the water quality conditions cannot be changed by the allocation and control of pollutants through the TMDL process.</p> <p>Category 5: Standard is not attained or nonattainment is predicted in the near future for one or more parameters.</p> <p style="padding-left: 20px;">5a - TMDLs are underway, scheduled, or may be scheduled for one or more parameters.</p> <p style="padding-left: 20px;">5b - review of the standards for one or more parameters will be conducted before a management strategy is selected, including a possible revision to the water quality standards.</p> <p style="padding-left: 20px;">5c - Additional data or information will be collected and/or evaluated for one or more parameters before a management strategy is selected.</p>

2018 Texas Integrated Report - Assessment Results for Basin 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		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	564	1		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	136	1	17	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	84		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	84		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	Enterococcus	12/01/09 - 11/30/16	35	84	123.05	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
High pH	pH	12/01/09 - 11/30/16	8.50	84		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	84		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.10	15		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.66	83		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	84		0		AD	FS	<input type="checkbox"/>	FS		

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	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	PCBs in Gafftopsail Catfish	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	6	0.28	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	7	2.86	0		LD	NC	<input type="checkbox"/>	NC		

2018 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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	149	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	40	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	13.50	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	133	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	118	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	564	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	92.70	6		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	78	7	1.86	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	8.75	7	0.11	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.60	6	1	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	5.30	6	0.28	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	13.10	7	2.86	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	136	7	2.93	0		TR	NC	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	84.20	6	3.25	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	129		2	1.39	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	129		8	3.10	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	12/01/09 - 11/30/16	35	127	88.23	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

2018 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

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	12/01/09 - 11/30/16	8.50	129		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	129		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.10	29		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.66	127		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	129		0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	PCBs in Gafftopsail Catfish	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	6	0.28	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	7	2.86	0		LD	NC	<input type="checkbox"/>	NC		

2018 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	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	PCBs in Gafftopsail Catfish	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	6	0.28	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	7	2.86	0		LD	NC	<input type="checkbox"/>	NC		

2018 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		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Chronic Ambient Toxicity tests in water	Water Chronic Toxicity	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	NS	toxicity in water	5c	
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	4	8	4	3.19	TR	NA	<input checked="" type="checkbox"/>	NS		depressed dissolved oxygen	5c	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	8	6	2.08	TR	NA	<input checked="" type="checkbox"/>	NS		depressed dissolved oxygen	5c	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	9	3	1.40	SM	NS	<input type="checkbox"/>	NA				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	9	4	1.93	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	Enterococcus	09/22/09 - 11/30/16	35	20	534.87	1	AD	NS	<input type="checkbox"/>	NS		bacteria	5b	

2018 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 # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat	
Chronic Ambient Toxicity tests in water	Water Chronic Toxicity	12/01/09 - 11/30/16				ID	NA	<input checked="" type="checkbox"/>	NS	toxicity in water	5c	
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	4	8	4	2.49	TR	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	8	5	1.42	TR	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	9	3	2.00	SM	NS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	9	4	2.40	SM	CS	<input type="checkbox"/>	NA		

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	09/22/09 - 11/30/16	35	20	841.76	1	AD	NS	<input type="checkbox"/>	NS	bacteria	5b

2018 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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Chronic Ambient Toxicity tests in water	Water Chronic Toxicity	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	NS	toxicity in water	5c
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	4	8		5	2.00	TR	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	8		5	0.99	TR	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	9		3	1.67	SM	NS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	9		5	2.42	SM	CS	<input type="checkbox"/>	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	09/22/09 - 11/30/16	35	20	667.99	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5b

2018 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	12/01/09 - 11/30/16	20	2		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	2	0.50	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	75		6	2.01	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	75		16	3.24	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	74	28.67	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	129	19.55	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	128	37.77	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	150	187.33	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	75		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	75		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	22		5	0.50	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	53		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	75		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	75		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
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	6	0.30	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	7	2.86	0		LD	NC	<input type="checkbox"/>	NC		

2018 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

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)	12/01/09 - 11/30/16	10	7	1	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	4	44	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	6	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	6	0.30	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	7	2.86	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	128	0.08	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	9	0.50	0		LD	NC	<input type="checkbox"/>	NC		

2018 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)	12/01/09 - 11/30/16	340	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	2.14	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	177.05	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.70	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	13.26	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	140.00	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	34.97	6		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	4	1	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.09	3	0.05	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	23.03	4	2	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	2.80	3	1.30	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.52	3	0.25	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	15.55	4	3.13	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	4	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	35.26	3	5.33	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	54		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	54		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	76	21.72	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	129	19.55	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	128	37.77	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	150	187.33	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	54		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	54		1	5.80	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	36		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	42		2	16.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	75		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	75		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	54		0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	6	0.30	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	7	2.86	0		LD	NC	<input type="checkbox"/>	NC		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	7	1	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	4	44	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	6	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	6	0.30	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	7	2.86	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	128	0.08	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	9	0.50	0		LD	NC	<input type="checkbox"/>	NC		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	129	19.55	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	128	37.77	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	150	187.33	0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	6	0.30	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	7	2.86	0		LD	NC	<input type="checkbox"/>	NC		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	7	1	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	4	44	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	6	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	6	0.30	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	7	2.86	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	128	0.08	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	9	0.50	0		LD	NC	<input type="checkbox"/>	NC		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	129	19.55	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	128	37.77	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	150	187.33	0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	6	0.30	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	7	2.86	0		LD	NC	<input type="checkbox"/>	NC		

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	Arsenic (dissolved)	12/01/09 - 11/30/16	10	7	1	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	4	44	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	6	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	6	0.30	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	7	2.86	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	128	0.08	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	9	0.50	0		LD	NC	<input type="checkbox"/>	NC		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	129	19.55	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	128	37.77	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	150	187.33	0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	6	0.30	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	7	2.86	0		LD	NC	<input type="checkbox"/>	NC		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	7	1	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	4	44	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	6	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	6	0.30	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	7	2.86	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	128	0.08	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	9	0.50	0		LD	NC	<input type="checkbox"/>	NC		

2018 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 #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	2					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	9		0		SM	NC	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	9		1	2.10	SM	NC	<input type="checkbox"/>	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	630	9	233.41	0		LD	NC	<input checked="" type="checkbox"/>	NS	bacteria	5c

2018 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	12/01/09 - 11/30/16	126			ID	NA	<input checked="" type="checkbox"/>	NS	bacteria	5c

2018 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			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Habitat	Habitat	12/01/09 - 11/30/16	20					ID	NA	<input checked="" type="checkbox"/>	CS	impaired habitat	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29					ID	NA	<input checked="" type="checkbox"/>	CN	impaired macrobenthic community	

2018 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		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	76	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	76	0		AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	84 24.17	0		AD	FS	<input type="checkbox"/>	FS			

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	245 15.44	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	245 21.70	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	244 109.14	0		AD	FS	<input type="checkbox"/>	FS			
High pH	pH	12/01/09 - 11/30/16	8.50	76	0		AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/09 - 11/30/16	6	76	0		AD	FS	<input type="checkbox"/>	FS			
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	38	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	43	3 20.00		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	83	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	82	0		AD	NC	<input type="checkbox"/>	NC			
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	96	1 33.00		AD	FS	<input type="checkbox"/>	FS			

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	243 0.09	0		AD	FS	<input type="checkbox"/>	FS			

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	245	15.44	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	245	21.70	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	244	109.14	0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	243	0.09	0		AD	FS	<input type="checkbox"/>	FS		

2018 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	12/01/09 - 11/30/16	3	141		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	141		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	159	15.04	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	245	15.44	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	245	21.70	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	244	109.14	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	141		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	141		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	39		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	43		2	23.50	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	160		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	159		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	141		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	243	0.09	0		AD	FS	<input type="checkbox"/>	FS		

2018 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	12/01/09 - 11/30/16	3	4		0		TR	NC	<input type="checkbox"/>	NA			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	4		0		TR	NC	<input type="checkbox"/>	NA			
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	42	1	54			LD	NC	<input type="checkbox"/>	NC			
Habitat	Habitat	12/01/09 - 11/30/16	20	1	26			LD	NC	<input type="checkbox"/>	NC			
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29	1	36			LD	NC	<input type="checkbox"/>	NC			

2018 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 Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	1.79	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	152.49	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.12	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	10.79	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	119.99	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	29.97	6		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	7	1	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.10	7	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	26.13	7	1.57	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.19	6	0.92	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.61	6	0.12	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	17.72	7	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	7	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	40.18	6	3.08	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	81		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	81		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	12/01/09 - 11/30/16	126	81	0.92	0		AD	FS	<input type="checkbox"/>	FS		

2018 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)

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	70	482	16.05	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	482	17.82	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	240	481	103.44	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	80		1	8.55	AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6	80		0		AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	78		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	82		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	81		0		JQ	NA	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	81		0		AD	FS	☐	FS		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	☐	NS	mercury in largemouth bass and freshwater drum	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	34	0.18	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	40	2.85	0		AD	FS	☐	FS		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	40	1.18	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	22	36.09	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	40	0.05	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	34	0.18	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	40	2.85	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	480	0.05	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	40	0.50	0		AD	FS	☐	FS		

2018 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 LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	1.79	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	152.49	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.12	5		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	10.79	5		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	119.99	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	29.97	5		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	6	1	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.10	6	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	26.13	6	1.67	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.19	5	0.70	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.61	5	0.10	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	17.72	6	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	6	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	40.18	5	3	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	76		1	1.48	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	76		5	3.65	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	75	2.73	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	70	482	16.05	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	482	17.82	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	240	481	103.44	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	76		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	76		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	1		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	76		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	75		0		JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	76		0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in largemouth bass and freshwater drum	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	34	0.18	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	40	2.85	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	Arsenic (dissolved)	12/01/09 - 11/30/16	10	40	1.18	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	22	36.09	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	40	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	34	0.18	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	40	2.85	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	480	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	40	0.50	0		AD	FS	<input type="checkbox"/>	FS		

2018 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)	12/01/09 - 11/30/16	340	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	2.14	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	177.05	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.70	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	13.26	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	140.00	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	34.97	6		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	7	1.43	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.10	7	0.07	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	26.13	7	1.57	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.19	6	2.17	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.61	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	17.72	7	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	7	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	40.18	6	4.92	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	84		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	84		2	4.61	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	81	2.90	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	70	482	16.05	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	482	17.82	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	240	481	103.44	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	84		2	8.85	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	84		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	25		2	38.50	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	83		1	0.38	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	83		0		JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	84		0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in largemouth bass and freshwater drum	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	34	0.18	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	40	2.85	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	Arsenic (dissolved)	12/01/09 - 11/30/16	10	40	1.18	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	22	36.09	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	40	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	34	0.18	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	40	2.85	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	480	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	40	0.50	0		AD	FS	<input type="checkbox"/>	FS		

2018 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 LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	2.49	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	200.87	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	4.28	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	15.77	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	159.50	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	39.85	6		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	7	1	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.10	7	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	26.13	7	1.57	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.19	6	0.92	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.61	6	0.12	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	17.72	7	3.36	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	7	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	40.18	6	3.08	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	82		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	82		3	4.14	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	81	0.75	0		AD	FS	<input type="checkbox"/>	FS		

2018 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 (

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	70	482	16.05	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	482	17.82	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	240	481	103.44	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	81		4	8.70	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	81		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	42		3	35.67	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	81		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	81		1	0.35	JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	82		0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in largemouth bass and freshwater drum	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	34	0.18	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	40	2.85	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	Arsenic (dissolved)	12/01/09 - 11/30/16	10	40	1.18	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	22	36.09	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	40	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	34	0.18	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	40	2.85	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	480	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	40	0.50	0		AD	FS	<input type="checkbox"/>	FS		

2018 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	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	2.49	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	200.87	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	4.28	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	15.77	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	159.50	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	39.85	6		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	7	1.14	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.10	7	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	26.13	7	1.57	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.19	6	1.75	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.61	6	0.17	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	17.72	7	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	7	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	40.18	6	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	84		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	84		4	4.15	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	81	3.30	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	70	482	16.05	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	482	17.82	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	240	481	103.44	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	84		2	8.68	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	84		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	84		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	83		0		JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	84		0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in largemouth bass and freshwater drum	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	34	0.18	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	40	2.85	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	Arsenic (dissolved)	12/01/09 - 11/30/16	10	40	1.18	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	22	36.09	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	40	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	34	0.18	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	40	2.85	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	480	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	40	0.50	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	70	482	16.05	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	482	17.82	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	240	481	103.44	0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in largemouth bass and freshwater drum 5c	
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	34	0.18	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	40	2.85	0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	40	1.18	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	22	36.09	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	40	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	34	0.18	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	40	2.85	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	480	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	40	0.50	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Dissolved Solids	Chloride	12/01/09 - 11/30/16	70	482	16.05	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	482	17.82	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	240	481	103.44	0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in largemouth bass and freshwater drum 5c	
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	34	0.18	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	40	2.85	0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	40	1.18	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	22	36.09	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	40	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	34	0.18	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	40	2.85	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	480	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	40	0.50	0		AD	FS	<input type="checkbox"/>	FS		

2018 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)	12/01/09 - 11/30/16	340	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	3.52	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	269.02	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	5.99	5		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	23.51	5		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	215.68	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	53.91	5		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	6	1.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.10	6	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	26.13	6	1.67	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.19	5	0.70	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.61	5	0.10	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	17.72	6	3.83	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	6	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	40.18	5	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	74		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	74		6	4.11	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	73	0.89	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	70	482	16.05	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	482	17.82	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	240	481	103.44	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	74		2	8.75	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	74		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	33		14	40.29	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	74		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	73		0		JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	74		0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in largemouth bass and freshwater drum	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	34	0.18	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	40	2.85	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	Arsenic (dissolved)	12/01/09 - 11/30/16	10	40	1.18	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	22	36.09	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	40	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	34	0.18	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	40	2.85	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	480	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	40	0.50	0		AD	FS	<input type="checkbox"/>	FS		

2018 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)

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Dissolved Solids	Chloride	12/01/09 - 11/30/16	70	482	16.05	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	482	17.82	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	240	481	103.44	0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in largemouth bass and freshwater drum 5c	
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	34	0.18	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	40	2.85	0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	40	1.18	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	22	36.09	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	40	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	34	0.18	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	40	2.85	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	480	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	40	0.50	0		AD	FS	<input type="checkbox"/>	FS		

2018 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 Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in LMB, bowfin and freshwater drum	5c	

2018 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			
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	5.90	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	415.45	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	9.87	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	42.33	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	337.88	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	84.52	7		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	7	1.14	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.13	7	0.06	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	36.42	7	2.29	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	4.51	7	1.29	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.97	7	0.15	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	24.96	7	6	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	7	1	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	56.65	7	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	75		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	75		1	4.90	AD	NC	<input type="checkbox"/>	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	42	1	45			LD	NC	<input type="checkbox"/>	NC		
Habitat	Habitat	12/01/09 - 11/30/16	20	1	25			LD	NC	<input type="checkbox"/>	NC		
Macroinvertebrate community (Qualitative)	Macroinvertebrate Community	12/01/09 - 11/30/16	29	1	34			LD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	24	24.66	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	175	300	54.77	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	301	49.41	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	368	265.32	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	75		2	8.70	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	75		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	70		1	2.01	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	70		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	76		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	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	29	0.16	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	29	5.53	0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	29	1.31	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	20	110.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	29	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	29	0.16	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	29	5.53	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	287	0.53	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	29	0.98	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	175	300	54.77	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	301	49.41	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	368	265.32	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	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	29	0.16	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	29	5.53	0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	29	1.31	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	20	110.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	29	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	29	0.16	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	29	5.53	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	287	0.53	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	29	0.98	0		AD	FS	<input type="checkbox"/>	FS		

2018 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)	12/01/09 - 11/30/16	340	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	5.56	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	395.33	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	9.33	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	39.60	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	320.99	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	80.28	6		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	5	1.40	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.13	5	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	36.42	5	2.20	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	4.51	5	2.10	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.97	5	0.21	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	24.96	5	7.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	5	1.60	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	56.65	5	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	61		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	61		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	25	19.73	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	175	300	54.77	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	301	49.41	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	368	265.32	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	61		2	8.75	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	61		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	43		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	69		4	2.17	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	71		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	62		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	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	29	0.16	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	29	5.53	0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	29	1.31	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	20	110.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	29	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	29	0.16	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	29	5.53	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	287	0.53	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	29	0.98	0		AD	FS	<input type="checkbox"/>	FS		

2018 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		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	4		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	6.91	4		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	474.60	4		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	11.51	4		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	50.61	4		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	387.68	4		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	4		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	96.99	4		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	2	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.13	2	0.05	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	34.99	2	1	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	4.33	2	1.50	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.92	2	0.13	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	23.96	2	4.75	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	2	1.25	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	54.35	2	10.25	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	57		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	57		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	20	138.77	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	175	300	54.77	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	301	49.41	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	368	265.32	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	56		2	8.70	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	56		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	36		6	3.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	42		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	57		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
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	29	0.16	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	29	5.53	0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	29	1.31	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	20	110.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	29	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	29	0.16	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	29	5.53	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	287	0.53	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	29	0.98	0		AD	FS	<input type="checkbox"/>	FS		

2018 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 LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	11		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	5.90	11		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	415.45	11		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	9.87	11		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	42.33	11		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	337.88	11		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	11		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	84.52	11		0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	11	1	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.13	11	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	36.42	11	1.36	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	4.51	11	0.95	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.97	11	0.19	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	24.96	11	4.36	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	11	0.64	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	56.65	11	3.23	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	151		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	151		5	4.24	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	65	78.28	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	175	300	54.77	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	301	49.41	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	368	265.32	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	152		4	8.63	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	152		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	29		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	112		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	110		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	154		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	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	29	0.16	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	29	5.53	0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	29	1.31	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	20	110.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	29	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	29	0.16	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	29	5.53	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	287	0.53	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	29	0.98	0		AD	FS	<input type="checkbox"/>	FS		

2018 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		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	21	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	21	0		AD	NC	<input type="checkbox"/>	NC				

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	20	247.97	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c	

2018 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		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	4	9	2	3.25	SM	CN	<input type="checkbox"/>	NA			
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	9	1	1.80	SM	NC	<input type="checkbox"/>	NA			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	39	2	2.30	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	39	4	3.03	AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	35	313.07	1	AD	NS	<input type="checkbox"/>	NS	bacteria	5b	

2018 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 # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16				ID	NA	<input checked="" type="checkbox"/>	CN	bacteria	

2018 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		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	28	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	28	0		AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	16	1.68	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	12/01/09 - 11/30/16	0.11	24		2	0.14	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	24		1	40.00	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	27		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	23		0		JQ	NA	<input type="checkbox"/>	NA		

2018 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	12/01/09 - 11/30/16	3	21		0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	21		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	12/01/09 - 11/30/16	126	12	1.61	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	12/01/09 - 11/30/16	0.11	21		0		JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	20		8	32.81	JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	22		0		JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	17		0		JQ	NA	<input type="checkbox"/>	NA			

2018 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			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	4					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c	
Habitat	Habitat	12/01/09 - 11/30/16	14					ID	NA	<input checked="" type="checkbox"/>	CS	impaired habitat		

2018 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		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in largemouth bass and freshwater drum	5c	

2018 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			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	4.54	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	333.50	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	7.67	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	31.48	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	269.28	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	67.33	7		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	7	1	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.15	7	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	41.32	7	1.57	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	5.15	7	1.79	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	7	0.18	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	28.44	7	4.29	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	7	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	64.55	7	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	68		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	68		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	28	72.53	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	200	223	68.39	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	223	38.82	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	223	268.99	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	69		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	69		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	10		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	73		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	73		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	70		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	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	5.50	0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	21	1.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	12	53.25	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	21	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	5.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	223	0.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	21	0.52	0		AD	FS	<input type="checkbox"/>	FS		

2018 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)	12/01/09 - 11/30/16	340	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	3.86	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	290.86	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	6.55	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	26.14	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	233.79	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	58.45	7		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	6	1	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.15	6	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	41.32	6	1.67	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	5.15	6	0.92	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	6	0.23	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	28.44	6	5.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	6	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	64.55	6	2.92	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	73		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	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	12/01/09 - 11/30/16	126	31	83.16	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	200	223	68.39	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	223	38.82	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	223	268.99	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	73		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	73		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	77		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	77		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	73		2	33.35	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	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	5.50	0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	21	1.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	12	53.25	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	21	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	5.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	223	0.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	21	0.52	0		AD	FS	<input type="checkbox"/>	FS		

2018 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)	12/01/09 - 11/30/16	340	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	6.91	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	474.60	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	11.51	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	50.61	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	387.68	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	96.99	7		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	6	1.17	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.15	6	0.09	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	41.32	6	2	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	5.15	6	1.25	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	6	0.20	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	28.44	6	7.92	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	6	0.58	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	64.55	6	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	68		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	68		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	12/01/09 - 11/30/16	126	28	118.52	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Dissolved Solids	Chloride	12/01/09 - 11/30/16	200	223	68.39	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	223	38.82	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	223	268.99	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	67		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	67		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	41		1	0.70	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	73		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	73		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	67		0		AD	FS	<input type="checkbox"/>	FS		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	5.50	0		AD	FS	<input type="checkbox"/>	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	21	1.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	12	53.25	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	21	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	5.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	223	0.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	21	0.52	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	200	223	68.39	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	223	38.82	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	223	268.99	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	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	5.50	0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	21	1.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	12	53.25	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	21	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	5.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	223	0.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	21	0.52	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	200	223	68.39	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	223	38.82	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	223	268.99	0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	5.50	0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	21	1.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	12	53.25	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	21	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	5.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	223	0.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	21	0.52	0		AD	FS	<input type="checkbox"/>	FS		

2018 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	12/01/09 - 11/30/16	5	11	4	4.53	AD	NS	<input type="checkbox"/>	NS	depressed dissolved oxygen		5c	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	11	0	0.50	AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	11	0		SM	FS	<input type="checkbox"/>	NA				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	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	12/01/09 - 11/30/16	126	12	193.90	1	LD	CN	<input type="checkbox"/>	CN	bacteria			

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	12/01/09 - 11/30/16	0.33	12	1	0.34	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	12	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	12	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	9	0		LD	NC	<input type="checkbox"/>	NC				

2018 Texas Integrated Report - Assessment Results for Basin 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	12/01/09 - 11/30/16				ID	NA	<input checked="" type="checkbox"/>	CS	depressed dissolved oxygen	

General Use

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

2018 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 Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	42	1	54			LD	NC	<input type="checkbox"/>	NC			
Habitat	Habitat	12/01/09 - 11/30/16	20	1	22			LD	NC	<input type="checkbox"/>	NC			
Macroinvertebrate community (Qualitative)	Macroinvertebrate Community	12/01/09 - 11/30/16	29	1	35			LD	NC	<input type="checkbox"/>	NC			

2018 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		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	39	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	39	1	4.60	AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	28	7.89	0	AD	FS	<input type="checkbox"/>	FS			

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	38	2	0.15	JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	35	6	31.10	JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	38	0		JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	32	0		JQ	NA	<input type="checkbox"/>	NA			

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	40	0.12	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	38	0.05	0	AD	FS	<input type="checkbox"/>	FS			

2018 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		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	51	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	51	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	12/01/09 - 11/30/16	126	34 1.49	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	LOS			
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	48	0		JQ	NA	<input type="checkbox"/>	NA				
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	48	0		JQ	NA	<input type="checkbox"/>	NA				
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	52	0		JQ	NA	<input type="checkbox"/>	NA				
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	40	0		JQ	NA	<input type="checkbox"/>	NA				

2018 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		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	53	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	53	0		AD	NC	<input type="checkbox"/>	NC				

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	35 4.31	0		AD	FS	<input type="checkbox"/>	FS				

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	48	1	0.14	JQ	NA	<input type="checkbox"/>	NA				
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	42	2	33.40	JQ	NA	<input type="checkbox"/>	NA				
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	50	0		JQ	NA	<input type="checkbox"/>	NA				
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	44	0		JQ	NA	<input type="checkbox"/>	NA				

2018 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 LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	4.88	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	354.37	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	8.22	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	34.17	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	286.70	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	71.70	7		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	7	2.86	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.18	7	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	51.42	7	1.71	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	6.47	7	1.57	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	1.54	7	0.12	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	35.65	7	5.36	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	7	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	80.94	7	3.14	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	81		2	4.75	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	81		4	4.80	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	33	0.79	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	246	6.26	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	246	9.81	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	258	127.89	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	80		2	9.10	AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6	80		0		AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/09 - 11/30/16						AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	81		0		AD	FS	☐	FS		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.15	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	5.31	0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	21	3.19	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	12	43.58	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	21	0.06	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.15	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	5.31	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	246	0.14	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	21	0.50	0		AD	FS	☐	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	246	6.26	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	246	9.81	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	258	127.89	0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/09 - 11/30/16						AD	NC	<input type="checkbox"/>	NC		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.15	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	5.31	0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	21	3.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	12	43.58	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	21	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.15	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	5.31	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	246	0.14	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	21	0.50	0		AD	FS	<input type="checkbox"/>	FS		

2018 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)	12/01/09 - 11/30/16	340	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	5.22	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	374.97	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	8.78	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	36.88	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	303.93	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	76.01	7		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	7	3.29	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.18	7	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	51.42	7	1.71	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	6.47	7	0.71	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	1.54	7	0.14	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	35.65	7	5.21	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	7	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	80.94	7	5	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	82		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	82		4	4.45	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	34	1.69	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	246	6.26	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	246	9.81	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	258	127.89	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	81		2	9.18	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	81		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/09 - 11/30/16						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	82		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	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.15	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	5.31	0		AD	FS	<input type="checkbox"/>	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	21	3.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	12	43.58	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	21	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.15	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	5.31	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	246	0.14	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	21	0.50	0		AD	FS	<input type="checkbox"/>	FS		

2018 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	12/01/09 - 11/30/16	3	12		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	12		0		AD	NC	<input type="checkbox"/>	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	246	6.26	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	246	9.81	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	258	127.89	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	12		1	9.10	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	12		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/09 - 11/30/16						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	12		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
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.15	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	5.31	0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	21	3.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	12	43.58	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	21	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.15	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	5.31	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	246	0.14	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	21	0.50	0		AD	FS	<input type="checkbox"/>	FS		

2018 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)	12/01/09 - 11/30/16	340	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	7.24	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	493.95	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	12.05	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	53.39	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	404.02	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	101.09	7		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	7	3.43	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.18	7	0.09	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	51.42	7	1.71	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	6.47	7	1.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	1.54	7	0.18	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	35.65	7	5.36	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	7	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	80.94	7	4.07	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	83		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	83		7	4.16	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	34	1.24	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	246	6.26	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	246	9.81	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	258	127.89	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	82		3	9.23	AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6	82		0		AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/09 - 11/30/16						AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	83		0		AD	FS	☐	FS		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.15	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	5.31	0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	21	3.19	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	12	43.58	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	21	0.06	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.15	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	5.31	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	246	0.14	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	21	0.50	0		AD	FS	☐	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	246	6.26	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	246	9.81	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	258	127.89	0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/09 - 11/30/16						AD	NC	<input type="checkbox"/>	NC		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.15	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	5.31	0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	21	3.19	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	12	43.58	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	21	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.15	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	5.31	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	246	0.14	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	21	0.50	0		AD	FS	<input type="checkbox"/>	FS		

2018 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	12/01/09 - 11/30/16				ID NA	<input checked="" type="checkbox"/>	CS	depressed dissolved oxygen	

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	12/01/09 - 11/30/16				ID NA	<input checked="" type="checkbox"/>	CS	nitrate	

2018 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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10					ID	NA	<input checked="" type="checkbox"/>	CS	chlorophyll-a	

2018 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	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	nitrate	

2018 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	12/01/09 - 11/30/16	126					ID	NA	<input checked="" type="checkbox"/>	NS	bacteria	5b	

2018 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 Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	1.50					ID	NA	<input checked="" type="checkbox"/>	CN	depressed dissolved oxygen	
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2					ID	NA	<input checked="" type="checkbox"/>	CS	depressed dissolved oxygen	

2018 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

SEGID: 0508

Adams Bayou Tidal

AUID: 0508_01

Lower 3 miles of segment

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	149	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	40	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	13.50	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	133	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	118	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	564	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	92.70	6		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	78	7	4.43	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	8.75	7	0.07	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.60	6	1.75	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	5.30	6	0.28	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	13.10	7	4.57	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	136	7	11.36	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	84.20	6	3.83	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	84		11	2.42	AD	CS	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	4a
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	84		17	2.84	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16	35	82	314.59	1		AD	NS	<input type="checkbox"/>	NS	bacteria	4a

2018 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

AUID: 0508_01 Lower 3 miles of segment

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
High pH	pH	12/01/09 - 11/30/16	8.50	84		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	84		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.10	15		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.66	83		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	84		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	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	6	0.28	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	7	4.57	0		LD	NC	<input type="checkbox"/>	NC		

2018 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	12/01/09 - 11/30/16				ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	4a
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16				ID	NA	<input checked="" type="checkbox"/>	CS	depressed dissolved oxygen	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16				ID	NA	<input checked="" type="checkbox"/>	NS	bacteria	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)	12/01/09 - 11/30/16	3.83	6 0.28	0	LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	7 4.57	0	LD	NC	<input type="checkbox"/>	NC		

2018 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	12/01/09 - 11/30/16				ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	4a
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16				ID	NA	<input checked="" type="checkbox"/>	CS	depressed dissolved oxygen	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16				ID	NA	<input checked="" type="checkbox"/>	NS	bacteria	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)	12/01/09 - 11/30/16	3.83	6 0.28	0	LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	7 4.57	0	LD	NC	<input type="checkbox"/>	NC		

2018 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	12/01/09 - 11/30/16				ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	4a
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16				ID	NA	<input checked="" type="checkbox"/>	CS	depressed dissolved oxygen	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16				ID	NA	<input checked="" type="checkbox"/>	NS	bacteria	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	12/01/09 - 11/30/16				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)	12/01/09 - 11/30/16	3.83	6 0.28	0	LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	7 4.57	0	LD	NC	<input type="checkbox"/>	NC		

2018 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			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	4a	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	2					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	4a	

2018 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	12/01/09 - 11/30/16				ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	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	12/01/09 - 11/30/16				ID	NA	<input checked="" type="checkbox"/>	NS	bacteria	4a

2018 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		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	4a	
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	depressed dissolved oxygen		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	NS	bacteria	4a	

2018 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	12/01/09 - 11/30/16	3	37		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	37		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	12/01/09 - 11/30/16	126	28	3.90	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	150	34	21.85	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	38	34.31	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	37	137.94	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	37		1	9.30	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	37		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/09 - 11/30/16						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.30	37		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	38	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	36	0.03	0		AD	FS	<input type="checkbox"/>	FS		

2018 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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	7		0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	7	0.50	0		LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	45		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	45		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	22	7.18	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	75	98	18.02	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	98	51.24	1		AD	NS	☐	NS	Sulfate in water	5c
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	250	76	156.17	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	44		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6	44		1	5.75	AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	45		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	98	0.03	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	11	0.50	0		AD	FS	☐	FS		

2018 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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	4		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	4	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	31		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	31		5	4.11	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	1	0.50	0		ID	NA	<input type="checkbox"/>	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	75	98	18.02	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	98	51.24	1		AD	NS	<input type="checkbox"/>	NS	Sulfate in water	5c
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	250	76	156.17	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	29		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	29		5	4.62	AD	NS	<input type="checkbox"/>	NS	pH	5c
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						ID	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	31		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	98	0.03	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	11	0.50	0		AD	FS	<input type="checkbox"/>	FS		

2018 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		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	149	7	0		LD	NC	<input type="checkbox"/>	NC				
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	40	7	0		LD	NC	<input type="checkbox"/>	NC				
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	13.50	6	0		LD	NC	<input type="checkbox"/>	NC				
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	133	6	0		LD	NC	<input type="checkbox"/>	NC				
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	118	7	0		LD	NC	<input type="checkbox"/>	NC				
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	564	7	0		LD	NC	<input type="checkbox"/>	NC				
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	92.70	6	0		LD	NC	<input type="checkbox"/>	NC				
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	78	7	5.14	0	LD	NC	<input type="checkbox"/>	NC				
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	8.75	7	0.05	0	LD	NC	<input type="checkbox"/>	NC				
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.60	6	2.25	0	LD	NC	<input type="checkbox"/>	NC				
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	5.30	6	0.23	0	LD	NC	<input type="checkbox"/>	NC				
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	13.10	7	5.29	0	LD	NC	<input type="checkbox"/>	NC				
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	136	7	12.29	0	LD	NC	<input type="checkbox"/>	NC				
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	84.20	6	3.42	0	LD	NC	<input type="checkbox"/>	NC				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	84		2	AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	84		8	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	Enterococcus	12/01/09 - 11/30/16	35	84	233.27	1	AD	NS	<input type="checkbox"/>	NS	bacteria		4a	

2018 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

AUID: 0511_01 Lower 5 miles

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
High pH	pH	12/01/09 - 11/30/16	8.50	84		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	84		2	5.85	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.10	15		0		TR	NC	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.66	83		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	84		0		AD	FS	<input type="checkbox"/>	FS		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	6	0.23	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	7	5.29	0		LD	NC	<input type="checkbox"/>	NC		

2018 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	12/01/09 - 11/30/16	4					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	4a
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	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)	12/01/09 - 11/30/16	3.83	6	0.23	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	7	5.29	0		LD	NC	<input type="checkbox"/>	NC		

2018 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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	4					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	4a
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	4a

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	12/01/09 - 11/30/16	35					ID	NA	<input checked="" type="checkbox"/>	NS	bacteria	4a

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Low pH	pH	12/01/09 - 11/30/16	6					ID	NA	<input checked="" type="checkbox"/>	CN	pH	

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	6	0.23	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	7	5.29	0		LD	NC	<input type="checkbox"/>	NC		

2018 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 # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16				ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	4a
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16				ID	NA	<input checked="" type="checkbox"/>	CS	depressed dissolved oxygen	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16				ID	NA	<input checked="" type="checkbox"/>	NS	bacteria	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	12/01/09 - 11/30/16				ID	NA	<input checked="" type="checkbox"/>	NS	pH	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)	12/01/09 - 11/30/16	3.83	6 0.23	0	LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	7 5.29	0	LD	NC	<input type="checkbox"/>	NC		

2018 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		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	4a	
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	depressed dissolved oxygen		

2018 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		Exceedances		Data	LOS	CF	Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	4a	
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16					ID	NA	<input checked="" type="checkbox"/>	CS	depressed dissolved oxygen		

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	12/01/09 - 11/30/16					ID	NA	<input checked="" type="checkbox"/>	NS	bacteria	4a	

2018 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			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	4a	
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	depressed dissolved oxygen		

2018 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		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CN	depressed dissolved oxygen		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	depressed dissolved oxygen		

Recreation Use

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

2018 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 arm

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)	12/01/09 - 11/30/16	340	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	2.83	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	224.08	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	4.85	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	18.32	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	178.58	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	44.62	7		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	7	1	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.13	7	0.06	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	34.99	7	1.57	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	4.33	7	0.64	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.92	7	0.12	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	23.96	7	3.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	7	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	54.35	7	3.79	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	83		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	83		1	3.69	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	34	1.37	0		AD	FS	<input type="checkbox"/>	FS		

2018 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		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	277	15.76	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	279	20.39	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	277	113.99	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	82		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	82		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/09 - 11/30/16						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	83		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	LOS		
Bioaccumulative Toxics in fish tissue	Arsenic	12/01/09 - 11/30/16	0.04	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Cadmium	12/01/09 - 11/30/16	0.18	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Chromium	12/01/09 - 11/30/16	5.25	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Copper	12/01/09 - 11/30/16	250.50	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Lead	12/01/09 - 11/30/16	0.60	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Mercury	12/01/09 - 11/30/16	0.53	5		0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.50	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	3.40	0		AD	FS	<input type="checkbox"/>	FS		

2018 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)	12/01/09 - 11/30/16	10	21	1	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	12	36.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	21	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	3.40	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	277	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	21	0.50	0		AD	FS	<input type="checkbox"/>	FS		

2018 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			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	2.14	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	177.05	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.70	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	13.26	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	140.00	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	34.97	7		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	7	1	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.13	7	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	34.99	7	1.57	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	4.33	7	0.64	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.92	7	0.11	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	23.96	7	3.36	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	7	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	54.35	7	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	85		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	85		2	4.22	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	36	3.41	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	277	15.76	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	279	20.39	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	277	113.99	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	84		3	9.23	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	84		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/09 - 11/30/16						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	85		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	LOS		
Bioaccumulative Toxics in fish tissue	Arsenic	12/01/09 - 11/30/16	0.04	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Cadmium	12/01/09 - 11/30/16	0.18	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Chromium	12/01/09 - 11/30/16	5.25	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Copper	12/01/09 - 11/30/16	250.50	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Lead	12/01/09 - 11/30/16	0.60	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Mercury	12/01/09 - 11/30/16	0.53	5		0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.50	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	3.40	0		AD	FS	<input type="checkbox"/>	FS		

2018 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)	12/01/09 - 11/30/16	10	21	1	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	12	36.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	21	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	3.40	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	277	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	21	0.50	0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	277	15.76	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	279	20.39	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	277	113.99	0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/09 - 11/30/16						AD	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
Bioaccumulative Toxics in fish tissue	Arsenic	12/01/09 - 11/30/16	0.04	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Cadmium	12/01/09 - 11/30/16	0.18	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Chromium	12/01/09 - 11/30/16	5.25	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Copper	12/01/09 - 11/30/16	250.50	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Lead	12/01/09 - 11/30/16	0.60	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Mercury	12/01/09 - 11/30/16	0.53	5		0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.50	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	3.40	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	Arsenic (dissolved)	12/01/09 - 11/30/16	10	21	1	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	12	36.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	21	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	3.40	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	277	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	21	0.50	0		AD	FS	<input type="checkbox"/>	FS		

2018 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)	12/01/09 - 11/30/16	340	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	2.49	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	200.87	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	4.28	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	15.77	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	159.50	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	67.33	6		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	7	1	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.13	7	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	34.99	7	1.57	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	4.33	7	0.64	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.92	7	1.25	1		JQ	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	23.96	7	3.36	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	7	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	54.35	6	4.42	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	84		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	84		2	4.20	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	36	1.77	0		AD	FS	<input type="checkbox"/>	FS		

2018 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		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	277	15.76	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	279	20.39	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	277	113.99	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	83		1	9.10	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	83		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/09 - 11/30/16						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	84		0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bioaccumulative Toxics in fish tissue	Arsenic	12/01/09 - 11/30/16	0.04	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Cadmium	12/01/09 - 11/30/16	0.18	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Chromium	12/01/09 - 11/30/16	5.25	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Copper	12/01/09 - 11/30/16	250.50	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Lead	12/01/09 - 11/30/16	0.60	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Mercury	12/01/09 - 11/30/16	0.53	5		0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.50	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	3.40	0		AD	FS	<input type="checkbox"/>	FS		

2018 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)	12/01/09 - 11/30/16	10	21	1	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	12	36.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	21	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	3.40	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	277	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	21	0.50	0		AD	FS	<input type="checkbox"/>	FS		

2018 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	12/01/09 - 11/30/16	3	28		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	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	12/01/09 - 11/30/16	126	21	5.05	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	277	15.76	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	279	20.39	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	277	113.99	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	28		4	9.33	AD	CN	<input checked="" type="checkbox"/>	NS	pH	5c
Low pH	pH	12/01/09 - 11/30/16	6.50	28		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/09 - 11/30/16						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	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	12/01/09 - 11/30/16	0.04	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Cadmium	12/01/09 - 11/30/16	0.18	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Chromium	12/01/09 - 11/30/16	5.25	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Copper	12/01/09 - 11/30/16	250.50	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Lead	12/01/09 - 11/30/16	0.60	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Mercury	12/01/09 - 11/30/16	0.53	5		0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.50	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	3.40	0		AD	FS	<input type="checkbox"/>	FS		

2018 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)	12/01/09 - 11/30/16	10	21	1	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	12	36.50	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	21	0.05	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	27	0.12	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.50	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	3.40	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	277	0.10	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	21	0.50	0	AD	FS	<input type="checkbox"/>	FS			

2018 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

AUID: 0512_06

Lake Fork Little Caney Creek arm south of Yantis

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	277	15.76	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	279	20.39	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	277	113.99	0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/09 - 11/30/16						AD	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
Bioaccumulative Toxics in fish tissue	Arsenic	12/01/09 - 11/30/16	0.04	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Cadmium	12/01/09 - 11/30/16	0.18	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Chromium	12/01/09 - 11/30/16	5.25	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Copper	12/01/09 - 11/30/16	250.50	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Lead	12/01/09 - 11/30/16	0.60	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Mercury	12/01/09 - 11/30/16	0.53	5		0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.50	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	3.40	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	Arsenic (dissolved)	12/01/09 - 11/30/16	10	21	1	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	12	36.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	21	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	3.40	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	277	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	21	0.50	0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 5 - Sabine River Basin

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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	277	15.76	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	279	20.39	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	277	113.99	0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/09 - 11/30/16						AD	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
Bioaccumulative Toxics in fish tissue	Arsenic	12/01/09 - 11/30/16	0.04	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Cadmium	12/01/09 - 11/30/16	0.18	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Chromium	12/01/09 - 11/30/16	5.25	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Copper	12/01/09 - 11/30/16	250.50	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Lead	12/01/09 - 11/30/16	0.60	9		0		LD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Mercury	12/01/09 - 11/30/16	0.53	5		0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.50	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	3.40	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	Arsenic (dissolved)	12/01/09 - 11/30/16	10	21	1	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	12	36.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	21	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	21	0.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	21	3.40	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	277	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	21	0.50	0		AD	FS	<input type="checkbox"/>	FS		

2018 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	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	depressed dissolved oxygen	

Recreation Use

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

General Use

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

2018 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	12/01/09 - 11/30/16				ID	NA	<input checked="" type="checkbox"/>	CN	depressed dissolved oxygen	
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16				ID	NA	<input checked="" type="checkbox"/>	CS	depressed dissolved oxygen	

Recreation Use

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

2018 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			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	1.09	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	100.36	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	1.93	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	6.04	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	77.88	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	19.44	6		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	7	1	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.06	7	0.04	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	13.05	7	1.57	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	1.55	6	0.96	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.24	6	0.50	1		LD	CN	<input type="checkbox"/>	CN	lead in water	
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	8.65	7	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	7	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	19.60	6	3.25	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	83		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	83		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	84	148.16	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	75	84	6.60	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	84	2.76	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	83	29.50	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	83		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	5.50	83		1	5.40	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	1		0		ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	83		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	83		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	83		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	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	6	0.57	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	7	2.50	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	LOS		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	7	1	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	4	50.25	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	7	0.06	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	6	0.57	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	7	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	83	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	7	0.50	0		LD	NC	<input type="checkbox"/>	NC		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	75	84	6.60	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	84	2.76	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	83	29.50	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	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	6	0.57	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	7	2.50	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	LOS		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	7	1	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	4	50.25	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	7	0.06	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	6	0.57	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	7	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	83	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	7	0.50	0		LD	NC	<input type="checkbox"/>	NC		

2018 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)	12/01/09 - 11/30/16	340	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	1.79	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	152.49	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.12	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	10.79	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	119.99	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	29.97	6		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	4	1	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.09	4	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	23.03	4	2	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	2.80	4	0.72	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.52	4	0.26	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	15.55	4	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	4	0.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	35.26	4	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	65		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	65		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	34	143.16	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

2018 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)

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	75	107	16.62	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	107	17.70	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	109	92.42	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	65		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	65		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	81		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	80		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	66		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
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	7	0.37	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	7	2.50	0		LD	NC	<input type="checkbox"/>	NC		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	7	1	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	4	42.50	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	7	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	7	0.37	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	7	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	108	0.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	7	0.50	0		LD	NC	<input type="checkbox"/>	NC		

2018 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	12/01/09 - 11/30/16	3	27		1	2.52	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	27		4	4.12	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	16	4.87	0		LD	NC	<input checked="" type="checkbox"/>	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	75	107	16.62	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	107	17.70	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	109	92.42	0		AD	FS	<input type="checkbox"/>	FS		
High pH	High pH	12/01/09 - 11/30/16	8.50	28		5	9.01	AD	NS	<input type="checkbox"/>	NS	High pH in water	5c
Low pH	pH	12/01/09 - 11/30/16	6	28		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	26		1	0.36	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	26		24	47.96	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	27		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	20		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	28		1	32.50	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
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	7	0.37	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	7	2.50	0		LD	NC	<input type="checkbox"/>	NC		

2018 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)	12/01/09 - 11/30/16	10	7	1	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	4	42.50	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	7	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	7	0.37	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	7	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	108	0.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	7	0.50	0		LD	NC	<input type="checkbox"/>	NC		

2018 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 LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	3.52	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	269.02	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	5.99	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	23.51	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	215.68	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	53.91	7		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	7	1	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.14	7	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	38.54	7	1.57	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	4.79	7	0.64	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	1.04	7	0.36	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	26.47	7	3.64	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	7	0.71	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	60.06	7	3.14	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	77		1	2.40	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	77		3	3.87	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	33	91.08	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	77	28.58	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	77	30.34	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	77	148.54	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	77		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	77		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	77		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	77		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	77		0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	7	0.36	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	7	3.64	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	LOS		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	7	1	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/09 - 11/30/16	2,000	4	50.25	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	7	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	7	0.36	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	7	3.64	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	77	0.15	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	7	0.71	0		LD	NC	<input type="checkbox"/>	NC		

2018 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	12/01/09 - 11/30/16	3	28	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	28	1 3.68	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	11/04/09 - 11/30/16	126	20 4.20	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	12/01/09 - 11/30/16	0.11	25	6 0.17	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	28	22 42.70	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	27	0	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	18	1 0.28	JQ	NA	<input type="checkbox"/>	NA		