

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

Report Abbreviations	Description:
<b>SEGID:</b>	Unique Segment identification alpha-numeric code; can be stream, reservoir, estuary, oyster waters, beach watch, etc.
<b>AUID:</b>	Unique Assessment Unit code; this is a portion of the segment the AUID begins with and ends with _01, _02, etc. Some AUIDs are special units ending in "SA," or oyster water AUIDs are indicated by "OW" and beach watch AUIDs are indicated by abbreviations for name of beach in AUID.
<b>ASMT Start Date:</b>	The start date of the period of record data for this method was selected; the official 2020 period of record is from 12/1/2011 to 11/30/2018. Assessors have the option of going back 10 years (12/1/2008) to select more data, according to assessment guidance.
<b>ASMT End Date:</b>	The end date of the period of record data for this method was selected; the official 2020 period of record dates are 12/1/2011 to 11/30/2018. Assessors have the option of including more recently collected data than 12/01/2018, if available.
<b># Assd:</b>	Number of samples assessed; some data are averaged, as with profile data, some are eliminated because criteria do not apply during certain conditions such as a low flow.
<b>Mean Assd:</b>	Mean of samples assessed; includes averaged methods like chronic criteria as well as geometric mean calculations for bacteria.
<b># Exceed:</b>	The number of samples that exceed criteria for single sample, or binomial, methods (not averaged data).
<b>Mean Exceed:</b>	This is the mean of the samples that exceeded criteria for the single sample, or binomial, methods (not averaged data).
<b>Criteria:</b>	Value that the data is compared against to determine level of support; Note: for acute metals in water, each value is compared to a calculated criterion and not all criteria could be reported here, only the minimum in the range of criteria calculated are included.
<b>DS Qual:</b>	<p><i>Dataset Qualifier - indicates sample sizes:</i></p> <p><b>AD</b> = Adequate Data (10 or more samples)                      <b>TR</b> = Temporally Not Representative, used with NA  <b>LD</b> = Limited Data (less than 9, greater than 3)                      <b>SR</b> = Spatially Not Representative, used with NA  <b>ID</b> = Inadequate Data (less than 4)                                      <b>OE</b> = Other information than ambient samples evaluated  <b>JQ</b> = Level of support is based on judgment of the assessor                      <b>OS</b> = Assessment area outside state boundaries  <b>SM</b> = This assessment method is superseded by another method</p>
<b>LOS:</b>	<p><i>Level of support for this use, method, assessment parameter:</i></p> <p><b>FS</b> = Fully Supporting                                                              <b>NS</b> = Nonsupport  <b>NC</b> = No Concern                                                                      <b>CS</b> = Screening Level Concern  <b>NA</b> = Not Assessed                                                                      <b>CN</b> = Use Concern</p>
<b>CF:</b>	Carry forward indicator check box: indicates that the Integrated level of support of CS, CN, or NS was carried forward from a previous assessment due to inadequate data for this method in this assessment.
<b>Int LOS:</b>	Integrated level of support. This is the overall level of support for this use, method, parameter group, which could be different from the LOS (described above) due to carry forward information or other types of changes. New Code added in 2010: PI = Pending Issue
<b>TCEQ Cause:</b>	This is the impairment description (e.g., bacteria, depressed dissolved oxygen, etc.)
<b>Cat:</b>	<p><b>Category 3:</b> Insufficient or no data and information to determine if standard is attained</p> <p><b>Category 4:</b> Standard is not attained or nonattainment is predicted in the near future due to one or more parameters, but no TMDLs are required.</p> <p style="padding-left: 20px;"> <b>4a</b> - All TMDLs have been completed and approved by EPA.  <b>4b</b> - Other pollution control requirements are reasonably expected to result in the attainment of the water quality standard in the near future.  <b>4c</b> - Nonattainment of the standard for one or more parameters is shown to be caused by pollution, not by pollutants and that the water quality conditions cannot be changed by the allocation and control of pollutants through the TMDL process.         </p> <p><b>Category 5:</b> Standard is not attained or nonattainment is predicted in the near future for one or more parameters.</p> <p style="padding-left: 20px;"> <b>5a</b> - TMDLs are underway, scheduled, or may be scheduled for one or more parameters.  <b>5b</b> - review of the standards for one or more parameters will be conducted before a management strategy is selected, including a possible revision to the water quality standards.  <b>5c</b> - Additional data or information will be collected and/or evaluated for one or more parameters before a management strategy is selected.         </p>

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0601**

**Neches River Tidal**

**AUID: 0601\_01**

Lower boundary to top of first oxbow, above Bird Island Bayou confluence at NHD RC 12020003000004

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Chronic Toxic Substances in water	Malathion	10/07/10 - 11/30/18	0.01	10	0.10	1		JQ	NS	<input type="checkbox"/>	CN	Malathion in water	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	27		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	27		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	70	80		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	9.60	80		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	370	79		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	270	80		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	218	79		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	0.71	78		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	51.60	79		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	3.70	77		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	410	79		0		AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/11 - 11/30/18	35	28	85.62	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5a

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0601\_01 Lower boundary to top of first oxbow, above Bird Island Bayou confluence at NHD RC 12020003000004

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/11 - 11/30/18	8.50	28	0	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	28	0	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.46	25	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	21	28	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.10	27	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.66	24	0	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	28	0	AD	FS	<input type="checkbox"/>	FS		

### Fish Consumption Use

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

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0601\_02      Top of first oxbow to top of U.S. Nat'l Defense Reserve Fleet Basin at top of NHD RC 12020003008459

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	27	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	27	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	70	80	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	9.60	80	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	370	79	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	270	80	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	218	79	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	0.71	78	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	51.60	79	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	3.70	77	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	410	79	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	12/01/11 - 11/30/18	35	28	96.60	1	AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5a	

## 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	12/01/11 - 11/30/18	8.50	28	0		AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/11 - 11/30/18	6	28	0		AD	FS	<input type="checkbox"/>	FS			
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.46	27	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	21	28	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.10	28	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.66	25	0		AD	NC	<input type="checkbox"/>	NC			
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	28	0		AD	FS	<input type="checkbox"/>	FS			

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0601\_02      Top of first oxbow to top of U.S. Nat'l Defense Reserve Fleet Basin at top of NHD RC 12020003008459

### Fish Consumption Use

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

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0601\_03      Top of U.S. Nat'l Defense Reserve Fleet Basin to top of last oxbow below Kansas City Southern Railroad bridge 0.44km upstream of NHD RC 12020003000013

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	27	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	27	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	70	80	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	9.60	80	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	370	79	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	270	80	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	218	79	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	0.71	78	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	51.60	79	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	3.70	77	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	410	79	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	12/01/11 - 11/30/18	35	27	159.33	1	AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5a	

## 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	12/01/11 - 11/30/18	8.50	28	0		AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/11 - 11/30/18	6	28	0		AD	FS	<input type="checkbox"/>	FS			
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.46	27	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	21	28	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.10	28	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.66	25	0		AD	NC	<input type="checkbox"/>	NC			
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	28	0		AD	FS	<input type="checkbox"/>	FS			

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0601\_03      Top of U.S. Nat'l Defense Reserve Fleet Basin to top of last oxbow below Kansas City Southern Railroad bridge 0.44km upstream of NHD RC 12020003000013

### Fish Consumption Use

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

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0601\_04**

Top of last oxbow below Kansas City Southern Railroad bridge to saltwater barrier at NHD RC 12020003000017

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	47		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	47		0		AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	70	80		0		AD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	9.60	80		0		AD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	370	79		0		AD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	270	80		0		AD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	218	79		0		AD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	0.71	78		0		AD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	51.60	79		0		AD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	3.70	77		0		AD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	410	79		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	Enterococcus	12/01/11 - 11/30/18	35	46	99.47	1		AD	NS	☐	NS	Bacteria in water	5a

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/11 - 11/30/18	8.50	48		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6	48		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.46	46		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	21	39		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.10	47		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.66	44		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	48		0		AD	FS	☐	FS		



## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0601\_04      Top of last oxbow below Kansas City Southern Railroad bridge to saltwater barrier at NHD RC 12020003000017

### Fish Consumption Use

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

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0601A**

**Star Lake Canal**

**AUID: 0601A\_01**

North of Groves in Jefferson 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
Chronic Toxic Substances in water	Malathion	12/01/11 - 11/30/18	0.01	4	0.01	0		LD	NC	<input checked="" type="checkbox"/>	CN	Malathion in water	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	27		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	27		3	3.60	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	70	26		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	9.60	26		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	370	26		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	270	26		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	218	25		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	0.71	24		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	51.60	26		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	3.70	26		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	410	26		0		AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/11 - 11/30/18	35	28	235.92	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.46	25		8	1.17	AD	CS	<input type="checkbox"/>	CS	Ammonia in water	
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	21	26		3	30.23	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.10	27		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.66	26		0		AD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0602**

**Neches River Below B. A. Steinhagen Lake**

**AUID: 0602\_01**

From the saltwater barrier upstream to confluence with Village Creek 0608 at NHD RC 12020003000025

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum	12/01/11 - 11/30/18	991					ID	NA	<input checked="" type="checkbox"/>	PI		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	30		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	30		1	4.80	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	31	15.02	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	78	13.62	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	78	21.37	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	78	92.78	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	30		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	30		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	29		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	15		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	29		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	30		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	30		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	Mercury	12/01/11 - 11/30/18						ID	NA	<input checked="" type="checkbox"/>	CS	Mercury in edible tissue	

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0602\_01** From the saltwater barrier upstream to confluence with Village Creek 0608 at NHD RC 12020003000025

### 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	Fluoride	12/01/11 - 11/30/18	4	27	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	74	0.05	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0602\_02**

From the confluence with Village Creek 0608 upstream to the confluence with Black Branch NHD RC 12020003000695

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	27		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	27		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	24	36.18	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	78	13.62	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	78	21.37	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	78	92.78	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	28		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	28		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	28		3	18.73	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	24		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	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	Mercury	12/01/11 - 11/30/18	0.53					ID	NA	<input checked="" type="checkbox"/>	CS	Mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Dioxin in edible tissue	5c

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0602\_02 From the confluence with Village Creek 0608 upstream to the confluence with Black Branch NHD RC 12020003000695

### 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	Fluoride	12/01/11 - 11/30/18	4	27	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	74	0.05	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0602\_03** From the confluence with Black Branch upstream to confluence with unnamed tributary at NHD RC 12020003000058

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum	12/01/11 - 11/30/18	991					ID	NA	<input checked="" type="checkbox"/>	PI		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	20		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	20		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	20	11.40	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	78	13.62	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	78	21.37	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	78	92.78	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	20		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	20		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	18		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	10		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	17		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	19		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	20		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	Mercury	12/01/11 - 11/30/18						ID	NA	<input checked="" type="checkbox"/>	CS	Mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Dioxin in edible tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0602\_03 From the confluence with Black Branch upstream to confluence with unnamed tributary at NHD RC 12020003000058

### 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	Fluoride	12/01/11 - 11/30/18	4	27	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	74	0.05	0		AD	FS	<input type="checkbox"/>	FS		



## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0602\_04 From the confluence with unnamed tributary at NHD RC 12020003000058 upstream to Town Bluff Dam

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	78	13.62	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	78	21.37	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	78	92.78	0		AD	FS	<input type="checkbox"/>	FS		
<b>Fish Consumption Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bioaccumulative Toxics in fish tissue	Mercury	12/01/11 - 11/30/18						ID	NA	<input checked="" type="checkbox"/>	CS	Mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Dioxin in edible tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c
<b>Domestic Water Supply Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	27	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	74	0.05	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0603**

**B. A. Steinhagen Lake**

**AUID: 0603\_01**

Main pool by dam to include all the area below the US HWY 190 bridge

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	26		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	26		1	4.03	AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	26	6.52	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	28	13.46	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	28	17.98	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	28	94.18	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	28		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	28		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	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
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Dioxin in edible tissue	5c

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0603\_01      Main pool by dam to include all the area below the US HWY 190 bridge

### 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	Fluoride	12/01/11 - 11/30/18	4	28	0.10	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	28	0.04	0		AD	FS	<input type="checkbox"/>	FS			

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0603\_02      Area above the US HWY 190 bridge to the upper boundaries of the segment at points immediately upstream of confluences Hopson Mill Creek (Neches Arm) and Indian

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	28	13.46	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	28	17.98	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	28	94.18	0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	<input type="checkbox"/>	FS		

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

<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	28	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	28	0.04	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0603A**      **Sandy Creek**

**AUID: 0603A\_01**      From the confluence with B.A. Steinhagen Lake upstream to 0.5 km below FM 776 east of the City of Jasper, App. D

### Aquatic Life Use

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

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	20    193.66	1	AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	18	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	10	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	17	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	19	0	AD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0603B**      **Wolf Creek**

**AUID: 0603B\_01**      From the confluence of B.A. Steinhagen Lake upstream to Lake Amanda Dam.

### Aquatic Life Use

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

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	20    161.49	1	AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	18	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	10	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	17	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	19	0	AD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0604**

**Neches River Below Lake Palestine**

**AUID: 0604\_01**

Lower boundary to a point immediately upstream of confluence of Biloxi Creek 0604M at NHD RC 12020002001061

**Aquatic Life Use**

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

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	25	41.60	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	129	22.85	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	129	25.54	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	125	133.07	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	20		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	20		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	25		1	14.30	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	24		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	13		0		AD	FS	<input type="checkbox"/>	FS		

**Fish Consumption Use**

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

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0604\_01** Lower boundary to a point immediately upstream of confluence of Biloxi Creek 0604M at NHD RC 12020002001061

### 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	Fluoride	12/01/11 - 11/30/18	4	104	0.12	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	129	0.22	0		AD	FS	<input type="checkbox"/>	FS			



# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0604\_02**

From the confluence of Biloxi Creek (0604M) upstream to the upper confluence of Old River at NHD RC 12020002000037

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	26		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	26		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	23	73.21	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	129	22.85	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	129	25.54	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	125	133.07	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	26		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	27		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	22		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	26		0		AD	FS	<input type="checkbox"/>	FS		

## Fish Consumption Use

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

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0604\_02** From the confluence of Biloxi Creek (0604M) upstream to the upper confluence of Old River at NHD RC 12020002000037

### 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	Fluoride	12/01/11 - 11/30/18	4	104	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	129	0.22	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0604\_03**

From the upper confluence of Old River upstream to the confluence with Cedar Creek in Cherokee County at NHD RC 12020002000085 near Hargrove Lake

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	27		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	27		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	23	80.88	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	129	22.85	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	129	25.54	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	125	133.07	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	27		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	27		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	25		4	19.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	27		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	23		1	1.01	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	27		0		AD	FS	<input type="checkbox"/>	FS		

## Fish Consumption Use

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

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0604\_03** From the upper confluence of Old River upstream to the confluence with Cedar Creek in Cherokee County at NHD RC 12020002000085 near Hargrove Lake

### 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	Fluoride	12/01/11 - 11/30/18	4	104	0.12	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	129	0.22	0		AD	FS	<input type="checkbox"/>	FS			

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0604\_04** From the confluence with Cedar Creek in Cherokee County near Hargrove lake upstream to the confluence with Beech Creek in Anderson County at NHD RC 12020001

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	24		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	24		1	4.70	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	20	82.47	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	129	22.85	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	129	25.54	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	125	133.07	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	24		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	24		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	25		4	31.20	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	24		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	24		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	104	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	129	0.22	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0604\_05** From the confluence with Beech Creek in Anderson County upstream to the Blackburn Crossing Dam

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	20		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	20		1	3.40	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	20	82.94	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	129	22.85	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	129	25.54	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	125	133.07	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	20		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	20		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	23		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	25		13	20.48	AD	CS	<input type="checkbox"/>	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	24		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	20		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	104	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	129	0.22	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0604A Cedar Creek**

**AUID: 0604A\_02** From the confluence with Jack Creek (0604C) upstream to confluence with unnamed tributary adjacent to State Loop 287, per App. D in WQS, at NHD RC 1202000200

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	39		2	1.65	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	39		4	2.55	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	40	291.49	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	52		5	1.77	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	50		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	52		19	9.12	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	52		18	3.67	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0604A\_03** From the confluence with unnamed tributary adjacent to SH Loop 287 upstream to headwaters near Hoo Hoo Ave in the City of Lufkin

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	23		4	2.13	AD	NS	<input type="checkbox"/>	NS	Depressed dissolved oxygen in water	5c
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	23		9	3.19	AD	CS	<input type="checkbox"/>	CS	Depressed dissolved oxygen in water	

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	23	152.68	1		AD	CN	<input type="checkbox"/>	CN	Bacteria in water	

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	38		3	0.52	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	34		4	24.20	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	38		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	38		1	0.73	AD	NC	<input type="checkbox"/>	NC		



# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0604B**

**Hurricane Creek**

**AUID: 0604B\_01** From the confluence with Cedar Creek (0604A) upstream to confluence with unnamed tributary 100m above State Loop 287 in Lufkin, per WQS App. D, at NHD RC 1:

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	0.81					ID	NA	<input checked="" type="checkbox"/>	PI		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	42		1	1.30	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	42		4	2.95	AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	43	276.16	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	45		2	1.78	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	42		3	19.27	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	45		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	45		1	0.83	AD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0604B\_02** From the confluence with unnamed tributary 100 meters upstream of SH Loop 287 in the City of Lufkin upstream to headwaters near Groesbeck Ave in Lufkin

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	10	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	10	1	4.50	AD	NC	<input type="checkbox"/>	NC			

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	10	320.83	1	LD	CN	<input type="checkbox"/>	CN	Bacteria in water		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	19		1	0.41	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	17		2	17.05	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	19		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	19		0		AD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0604C**

**Jack Creek**

**AUID: 0604C\_01** From the confluence with Cedar Creek (0604A) upstream to confluence with unnamed tributary 1.6km SW of US Hwy 69 NW of Lufkin at NHD RC 12020002012470.

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991					ID	NA	<input checked="" type="checkbox"/>	PI		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	0.81					ID	NA	<input checked="" type="checkbox"/>	PI		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	60		1	1.80	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	60		1	1.80	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	61	185.35	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	63		3	0.49	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	61		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	63		4	5.50	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	63		18	1.60	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0604D Piney Creek**

**AUID: 0604D\_01** Middle portion of the stream from the confluence with Bear Creek (0604L) in Polk County upstream to the confluence with Caney Creek (0604O) in Trinity County at N

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991	1		0		ID	NA	<input checked="" type="checkbox"/>	PI		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	8.67	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	574.76	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	14.35	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	65.34	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Mercury	12/01/11 - 11/30/18	2.40	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	472.48	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	118.24	1		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	1	1.25	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.12	1	0.16	1		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	32.10	1	2	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	3.96	1	1.09	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	0.81	1	0.21	0		ID	NA	<input checked="" type="checkbox"/>	PI		
Chronic Toxic Substances in water	Mercury	12/01/11 - 11/30/18	1.30	1	0.01	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	21.91	1	6.93	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	1	0.25	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	49.71	1	38	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	1		1	1.80	SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	1		1	1.80	SM	NA	<input type="checkbox"/>	NA		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0604D\_01 Middle portion of the stream from the confluence with Bear Creek (0604L) in Polk County upstream to the confluence with Caney Creek (0604O) in Trinity County at N

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33					ID	NA	<input checked="" type="checkbox"/>	CS	Ammonia in water	

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	3.83	1	0.21	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	1	0.01	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,140	1	6.93	0		ID	NA	<input type="checkbox"/>	NA		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0604D\_02 Upper portion of stream from the confluence with Caney Creek (0604O) in Trinity County upstream to confluence with unnamed tributary at NHD RC 12020002000181

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	18	1 2.50	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	18	4 3.40	AD	CS	<input type="checkbox"/>	CS	Depressed dissolved oxygen in water	

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	06/30/10 - 11/30/18	126	20 292.04	1	AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	26	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	26	6 32.67	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	26	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	24	0	AD	NC	<input type="checkbox"/>	NC		

### 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)	12/01/11 - 11/30/18	3.83	1 0.21	0	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	1 0.01	0	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,140	1 6.93	0	ID	NA	<input type="checkbox"/>	NA		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0604D\_03** Lower portion of stream from the confluence with the Neches River (0604) upstream to the confluence with Bear Creek (0604L) in Polk County at NHD RC 1202000200

### 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)	12/01/11 - 11/30/18	3.83	1	0.21	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	1	0.01	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,140	1	6.93	0		ID	NA	<input type="checkbox"/>	NA		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0604M**      **Biloxi Creek**

**AUID: 0604M\_02**      From the confluence with Neches River (0604) upstream to confluence with One Eye Creek in Angelina County SE of Lufkin.

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991					ID	NA	<input checked="" type="checkbox"/>	PI		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	0.81					ID	NA	<input checked="" type="checkbox"/>	PI		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	26		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	26		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	26	127.69	1		AD	CN	<input type="checkbox"/>	CN	Bacteria in water	

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	25		0		AD	NC	<input type="checkbox"/>	NC		



## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0604M\_03** From the confluence with One Eye Creek in Angelina County SE of Lufkin upstream to FM 325 east of Lufkin

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	3					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	2					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	33		5	1.16	SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	33		5	1.16	SM	NC	<input type="checkbox"/>	NA		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	33	152.24	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	1		0		ID	NA	<input checked="" type="checkbox"/>	CS	Ammonia in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	1		0		ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	1		1	2.40	ID	NA	<input checked="" type="checkbox"/>	CS	Total Phosphorus in water	

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0604N**      **Buck Creek**

**AUID: 0604N\_01**      From the confluence with Biloxi Creek (0604M) upstream to the confluence with Graham Creek (0604E) SW of City of Huntington at NHD RC 12020002000417.

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991			ID	NA	<input checked="" type="checkbox"/>	PI		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	0.81			ID	NA	<input checked="" type="checkbox"/>	PI		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	25	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	25	0	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	24 114.41	0	AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	25	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	25	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	25	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	24	0	AD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0604T**

**Lake Ratcliff**

**AUID: 0604T\_01**

Lake in Houston County 3.4 mi northeast of Kennard

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	25		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	25		1	4.00	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	26	4.21	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	26		2	0.17	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	26		2	34.90	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	26		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	24		0		JQ	NA	<input type="checkbox"/>	NA		

### Fish Consumption Use

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

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0605**

**Lake Palestine**

**AUID: 0605\_01**

Lower portion of reservoir near dam to the first bend in reservoir

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	26		2	1.66	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	26		4	2.75	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100					ID	NA	<input checked="" type="checkbox"/>	CS	Manganese in sediment	

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	07/19/11 - 11/30/18	126	20	1.22	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	168	20.43	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	168	24.20	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	156	124.38	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	26		4	9.18	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	26		0		AD	FS	<input type="checkbox"/>	FS		

**Domestic Water Supply Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	168	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	168	0.06	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0605\_02** From the first bend in lower portion of reservoir up to the SH 155 Bridge 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 grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	26		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	26		1	4.53	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100					ID	NA	<input checked="" type="checkbox"/>	CS	Manganese in sediment	

### 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	01/26/11 - 11/30/18	126	20	1.03	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	168	20.43	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	168	24.20	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	156	124.38	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	25		5	8.95	AD	NS	<input type="checkbox"/>	NS	pH	5b
Low pH	pH	12/01/11 - 11/30/18	6	25		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	26		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	168	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	168	0.06	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0605\_03 Upper mid-lake including Tyler Public Water Supply intake

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	26		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	26		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100					ID	NA	<input checked="" type="checkbox"/>	CS	Manganese in sediment	

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	07/19/11 - 11/30/18	126	20	2.53	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	168	20.43	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	168	24.20	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	156	124.38	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	26		8	8.74	AD	NS	<input type="checkbox"/>	NS	pH	5b
Low pH	pH	12/01/11 - 11/30/18	6	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	26		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	168	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	168	0.06	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0605\_09 Flat Creek Arm

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	26		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	26		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100					ID	NA	<input checked="" type="checkbox"/>	CS	Manganese in sediment	

### 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	01/26/11 - 11/30/18	126	20	1.80	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	168	20.43	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	168	24.20	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	156	124.38	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	26		8	8.77	AD	NS	<input type="checkbox"/>	NS	pH	5b
Low pH	pH	12/01/11 - 11/30/18	6	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	26		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	168	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	168	0.06	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0605\_10      Upper Lake

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	26		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	26		1	4.86	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100					ID	NA	<input checked="" type="checkbox"/>	CS	Manganese in sediment	

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	05/18/11 - 11/30/18	126	20	2.71	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	168	20.43	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	168	24.20	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	156	124.38	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	26		5	8.78	AD	NS	<input type="checkbox"/>	NS	pH	5b
Low pH	pH	12/01/11 - 11/30/18	6	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	26		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	168	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	168	0.06	0		AD	FS	<input type="checkbox"/>	FS		



## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0605\_11**

From the SH 155 Bridge crossing to the Flat Creek Arm and across the main portion of the lake at the Flat Creek Arm

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	26		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	26		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100					ID	NA	<input checked="" type="checkbox"/>	CS	Manganese in sediment	

### 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	01/26/11 - 11/30/18	126	20	1.21	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	168	20.43	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	168	24.20	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	156	124.38	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	26		2	8.63	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	26		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	168	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	168	0.06	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0605A**

**Kickapoo Creek in Henderson County**

**AUID: 0605A\_01** From the confluence with Lake Palestine (0605) east of Brownsboro in Henderson County to the confluence with Slater Creek (0605E).

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	3			ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	2			ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	3	1 1.33	SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	3	1 1.33	SM	NA	<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	12/01/11 - 11/30/18	126	3 307.47	1	ID	NA	<input checked="" type="checkbox"/>	NS	Bacteria in water	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	3	0	ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	3	1 15.10	ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	3	0	ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	3	0	ID	NA	<input type="checkbox"/>	NA		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0605A\_02** From the confluence with Slater Creek (0605E) upstream to confluence with unnamed tributary about 1.62 km north of FM 858 in Van Zandt County at NHD RC 120200

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	18		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	18		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	24	287.89	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	18		1	0.38	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	18		3	22.97	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	18		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	17		0		AD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0605F**

**Lake Athens**

**AUID: 0605F\_01**

From the dam 5.5 mi east of Athens, 1.8 mi south of FM 317 on Flat Creek, to a point one mi west of FM 2495 in Henderson County

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	48	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	48	1 3.17	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	39 1.69	0	AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	46	3 0.15	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	47	0	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	49	0	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	39	0	JQ	NA	<input type="checkbox"/>	NA		

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0606**

**Neches River Above Lake Palestine**

**AUID: 0606\_01**

From a point approximately 0.06km (0.03 mi) south of St. Louis Southwestern Railroad upstream to the confluence with Prairie Creek (0606A).

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	21		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	21		1	3.80	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	15	235.51	1		LD	CN	<input checked="" type="checkbox"/>	NS	Bacteria in water	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	46	38.70	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	46	37.82	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	300	48	209.99	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	21		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	21		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	22		5	0.84	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	21		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	22		14	6.34	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	20		8	1.12	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	21		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	46	0.17	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	48	2.11	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0606\_02** From the confluence with Prairie Creek (0606A) upstream to the Rhine Lake Dam

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	83.86	1		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	56.65	1	2.04	0		ID	NA	<input checked="" type="checkbox"/>	CN	Zinc in water	
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18						ID	NA	<input checked="" type="checkbox"/>	CN	Depressed dissolved oxygen in water	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	22		0		AD	FS	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	22		1	3.10	SM	NC	<input type="checkbox"/>	NA		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	24	228.78	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	46	38.70	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	46	37.82	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	300	48	209.99	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	23		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	23		1	4.60	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	27		3	1.09	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	25		4	39.30	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	27		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	24		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	23		0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0606\_02** From the confluence with Prairie Creek (0606A) upstream to the Rhine Lake Dam

### 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	Fluoride	12/01/11 - 11/30/18	4	46	0.17	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	48	2.11	0		AD	FS	<input type="checkbox"/>	FS			

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0606A**      **Prairie Creek**

**AUID: 0606A\_01**      From the confluence with Neches River (0606), per WQS App. D first entry for Prairie Creek at NHD RC 12020001000071 in Smith County upstream to the confluence

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	16	1    2.95	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	16	1    2.95	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	25    193.75	1	AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5b

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	16	6    1.04	AD	CS	<input type="checkbox"/>	CS	Ammonia in water	
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	14	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	16	10    4.83	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	15	4    1.03	AD	NC	<input type="checkbox"/>	NC		



## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0606A\_03** From the confluence with Caney Creek upstream to confluence with unnamed tributary appx. 0.6 km downstream of the US 69 bridge crossing, which is located appx. 0.

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	19		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	19		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	27	138.73	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5b

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	18		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	17		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	19		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	18		0		AD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0606D**

**Black Fork Creek**

**AUID: 0606D\_02** From the confluence with unnamed tributary at NHD RC 12020001000072 upstream to a point 0.4km downstream of FM 14 in Tyler, at the confluence with unnamed tri

### Aquatic Life Use

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

### 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	05/12/10 - 11/30/18	126	20	258.90	1	AD	NS	<input type="checkbox"/>	NS	Bacteria in water		5b	

### General Use

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

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0607**

**Pine Island Bayou**

**AUID: 0607\_01**

From the confluence with the Neches River upstream to unnamed tributary at NHD RC 12020007001215 that runs through Sherwood Drive in northern City of Beaumont

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	20		1	2.70	AD	FS	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	20		11	4.11	AD	CS	<input type="checkbox"/>	CS	Depressed dissolved oxygen in water	

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	21	23.13	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	71	20.03	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	71	10.48	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	300	71	109.88	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	20		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	20		2	5.90	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	20		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	11		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	19		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	19		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	20		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	64	0.15	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0607\_02

From the confluence with unnamed tributary that runs through Sherwood Drive in northern City of Beaumont upstream to the confluence with Black Creek

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	19		0		SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	19		9	4.07	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	E. coli	12/01/11 - 11/30/18	126	20	31.34	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	71	20.03	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	71	10.48	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	300	71	109.88	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	19		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	19		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	19		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	11		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	18		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	18		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	19		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	64	0.15	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0607\_03** From the confluence with Black Creek upstream to the confluence with Willow Creek (0607C)

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	16		2	2.80	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	16		4	3.75	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	E. coli	09/22/11 - 11/30/18	126	20	75.95	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	71	20.03	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	71	10.48	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	300	71	109.88	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	16		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	16		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	18		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	10		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	17		1	3.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	17		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	16		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	64	0.15	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0607\_04

From the confluence with Willow Creek (0607C) upstream to the confluence with Mayhaw Slough near oil fields

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	01/18/11 - 11/30/18	3	10		2	2.35	SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	01/18/11 - 11/30/18	5	10		5	3.10	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	E. coli	12/01/11 - 11/30/18	126	11	102.42	0		LD	NC	<input type="checkbox"/>	NC		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	71	20.03	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	71	10.48	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	300	71	109.88	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	10		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	10		1	5.60	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	18		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	10		1	22.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	17		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	17		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	10		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	64	0.15	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0607\_05 From the confluence with Mayhaw Slough near oil fields upstream to the headwaters

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>	<b>LOS</b>	<b>CF</b>	<b>Int LOS</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>						
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	71	20.03	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	71	10.48	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	300	71	109.88	0		AD	FS	<input type="checkbox"/>	FS		

<b>Domestic Water Supply Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data Qual</b>	<b>LOS</b>	<b>CF</b>	<b>Int LOS</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>						
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	64	0.15	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0607A**      **Boggy Creek**

**AUID: 0607A\_02**      From the confluence with unnamed tributary 0.39 km downstream of CR 421 upstream to confluence with unnamed tributary 4 km downstream of the crossing of the So

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5			ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3			ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	13	0	SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	13	3 4.45	SM	CS	<input type="checkbox"/>	NA		
Habitat	Habitat	12/01/11 - 11/30/18	20			ID	NA	<input checked="" type="checkbox"/>	CS	Impaired habitat in water	

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	14 319.01	1	LD	CN	<input type="checkbox"/>	CN	Bacteria in water	

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	18	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	21	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	21	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	19	0	AD	NC	<input type="checkbox"/>	NC		



## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0607B**

**Little Pine Island Bayou**

**AUID: 0607B\_01** From the confluence with Pine Island Bayou (0607) at the Hardin/Jefferson Counties border upstream to unnamed tributary 1.1 km SE of intersection of FM 770 and FM

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	07/29/10 - 11/30/18	3	10		0		SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	07/29/10 - 11/30/18	5	10		5	4.10	SM	CS	<input type="checkbox"/>	NA		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	10	117.07	0		LD	NC	<input type="checkbox"/>	NC		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	18		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	10		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	17		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	17		0		AD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0607B\_02** From the confluence with unnamed tributary 1.1 km SE of intersection of FM 770 and 787 upstream to headwaters 5.5 km SE of City of Segno in Polk County at NHD F

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	2		0		ID	NA	<input checked="" type="checkbox"/>	CN	Depressed dissolved oxygen in water	
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	2		2	3.50	ID	NA	<input checked="" type="checkbox"/>	CS	Depressed dissolved oxygen in water	

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	1	88	0		ID	NA	<input checked="" type="checkbox"/>	CN	Bacteria in water	

### 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	12/01/11 - 11/30/18	0.33	5		1	0.35	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	6		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	4		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	4		0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0607C**

**Willow Creek**

**AUID: 0607C\_01** From the confluence with Pine Island Bayou (0607) at the State Hwy 326 bridge at NHD RC 12020007000258 upstream to headwaters NE of Devers in Liberty 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 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	11		0		SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	11		4	4.33	SM	CS	<input type="checkbox"/>	NA		

### 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	E. coli	05/28/09 - 11/30/18	126	20	124.02	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data	LOS	CF	Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	LOS			
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	18		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	10		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	17		1	6.90	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	17		0		AD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0608**

**Village Creek**

**AUID: 0608\_01**

From the confluence with Neches River (0602) upstream to confluence with Cypress Creek (0608C)

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	34		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	34		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	32	49.55	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	59	12.97	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	59	2.88	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	300	59	55.33	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8	35		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	5.50	35		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	30		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	33		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	33		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	30		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	35		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	Mercury	12/01/11 - 11/30/18	0.53					ID	NA	<input checked="" type="checkbox"/>	CS	Mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0608\_01** From the confluence with Neches River (0602) upstream to confluence with Cypress Creek (0608C)

### 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	Fluoride	12/01/11 - 11/30/18	4	27	0.09	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	55	0.07	0		AD	FS	<input type="checkbox"/>	FS			

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0608\_02** From the confluence with Cypress Creek (0608C) upstream to confluence with Beech Creek (0608A)

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	13		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	13		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	11/16/11 - 11/30/18	126	20	69.54	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	59	12.97	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	59	2.88	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	300	59	55.33	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8	14		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	5.50	14		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	17		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	9		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	17		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	18		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	14		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	Mercury	12/01/11 - 11/30/18						ID	NA	<input checked="" type="checkbox"/>	CS	Mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0608\_02** From the confluence with Cypress Creek (0608C) upstream to confluence with Beech Creek (0608A)

### 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	Fluoride	12/01/11 - 11/30/18	4	27	0.09	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	55	0.07	0		AD	FS	<input type="checkbox"/>	FS			

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0608\_03**

From the confluence with Beech Creek (0608A) upstream to confluence with Big Sandy Creek and Kimball Creek in Hardin 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	09/22/10 - 11/30/18	3	10		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	09/22/10 - 11/30/18	5	10		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	6	93.24	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	12/01/11 - 11/30/18	150	59	12.97	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	59	2.88	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	300	59	55.33	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/13/10 - 11/30/18	8	10		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/13/10 - 11/30/18	5.50	10		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	4		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	6		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	06/30/10 - 11/30/18	1.95	10		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	06/30/10 - 11/30/18	0.69	10		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/13/10 - 11/30/18	32.20	10		0		AD	FS	<input type="checkbox"/>	FS		

### Fish Consumption Use

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



## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0608\_03** From the confluence with Beech Creek (0608A) upstream to confluence with Big Sandy Creek and Kimball Creek in Hardin County

### 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	Fluoride	12/01/11 - 11/30/18	4	27	0.09	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	55	0.07	0		AD	FS	<input type="checkbox"/>	FS			

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0608A**      **Beech Creek**

**AUID: 0608A\_01**      From the confluence with Village Creek (0608) at NHD RC 12020006000017 upstream to the confluence with Drakes Branch 0.35 km upstream of FM1943 RD E at NH

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	1.89					ID	NA	<input checked="" type="checkbox"/>	NS	Copper in water	5c
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	0.28					ID	NA	<input checked="" type="checkbox"/>	PI		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	07/22/10 - 11/30/18	3	10		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	07/22/10 - 11/30/18	5	10		1	3.30	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	8	146.38	1		LD	CN	<input type="checkbox"/>	CN	Bacteria in water	

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Nutrient Screening Levels	Ammonia	06/23/11 - 11/30/18	0.33	10		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	6		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	11/16/11 - 11/30/18	1.95	10		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	11/16/11 - 11/30/18	0.69	10		0		AD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0608A\_02 From the confluence with Drakes Branch upstream to headwaters 0.62 km south of FM 1746 at NHD RC 12020006000035.

### 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	12/01/11 - 11/30/18	3	8		1	2.20	LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	8		1	2.20	LD	NC	<input type="checkbox"/>	NC		
Habitat	Habitat	12/01/11 - 11/30/18	20					ID	NA	<input checked="" type="checkbox"/>	CS	Impaired habitat in water	

### 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	E. coli	12/01/11 - 11/30/18	126	8	125.76	0		LD	NC	<input checked="" type="checkbox"/>	CN	Bacteria in water	

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data	LOS	CF	Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	LOS			
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	9		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	3		0		ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	8		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	9		0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0608B**

**Big Sandy Creek**

**AUID: 0608B\_03** From the confluence of Village Creek (0608) and Kimball Creek in Hardin County at NHD RC 12020006000109 upstream to the confluence with Bear Creek in Polk Co

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	10	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	10	2	3.85	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	06/24/09 - 11/30/18	126	20	54.25	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			
Nutrient Screening Levels	Ammonia	06/22/11 - 11/30/18	0.33	10	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	6	0		LD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	11/15/11 - 11/30/18	1.95	10	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	11/15/11 - 11/30/18	0.69	10	0		AD	NC	<input type="checkbox"/>	NC			

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0608B\_04** From the confluence with Bear Creek in Polk County upstream to headwaters about 5 km SE of intersection of US Hwy 59 and FM 62 at NHD RC 12020006000133.

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	19		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	19		4	4.33	AD	CS	<input type="checkbox"/>	CS	Depressed dissolved oxygen in water	

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	06/22/11 - 11/30/18	126	20	113.93	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	18		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	10		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	18		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	19		0		AD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0608C**

**Cypress Creek**

**AUID: 0608C\_01** Upper portion from the confluence with unnamed tributary upstream of Pea Monk Branch upstream to confluence with Bad Luck Creek, per WQS App. D, at NHD RC 1

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	0.28					ID	NA	<input checked="" type="checkbox"/>	PI		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/22/09 - 11/30/18	3	10		0		SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/22/09 - 11/30/18	5	10		2	4.50	SM	NC	<input type="checkbox"/>	NA		
Habitat	Habitat	12/01/11 - 11/30/18	20					ID	NA	<input checked="" type="checkbox"/>	CS	Impaired habitat in water	

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	11	134.35	1		LD	CN	<input type="checkbox"/>	CN	Bacteria in water	

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	15		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	9		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	16		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	17		0		AD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0608D Hickory Creek**

**AUID: 0608D\_01** From the confluence of Village Creek north of Kountze in Hardin County upstream through Tyler County to the confluence with Little Hickory Creek and Woods Creek (

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	19		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	19		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	20	75.62	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	17		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	10		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	18		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	18		0		AD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0608E**      **Mill Creek in Hardin County**

**AUID: 0608E\_01**      From the confluence of Village Creek (0608) west of Silsbee in Hardin County upstream to headwaters northwest of Silsbee in Hardin 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 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	2					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5c	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	1.50					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5c	



## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0608F**      **Turkey Creek**

**AUID: 0608F\_01**      From the confluence with Village Creek (0608) in Hardin County, per WQS App. D, upstream to confluence with Big Cypress Creek in Tyler County about 0.88 km north

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	18	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	18	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	11/16/11 - 11/30/18	126	20	81.22	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			
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	17		0	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	9		0	LD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	17		0	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	18		0	AD	NC	<input type="checkbox"/>	NC			

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0608F\_02** From the confluence with Big Cypress Creek in Tyler County upstream to confluence with unnamed tributary about 1.6 km above U.S. 69 north of City of Woodville, pe

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	18	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	18	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	11/16/11 - 11/30/18	126	20	103.25	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			
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	17	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	9	0		LD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	17	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	18	0		AD	NC	<input type="checkbox"/>	NC			

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0608G      Lake Kimball**

**AUID: 0608G\_01**      From Kimble Creek Dam northwest of Kountze in Hardin County to normal pool elevation in Tyler County (impounds Kimble and Village Creeks)

**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	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c	

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0609**

**Angelina River Below Sam Rayburn Reservoir**

**AUID: 0609\_01**

From a point immediately upstream of the confluence of Indian Creek in Jasper County to Sam Rayburn Dam in Jasper County

**Aquatic Life Use**

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

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	10/19/11 - 11/30/18	126	20	8.83	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	70	20	11.70	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	20	21.15	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	250	20	86.44	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	20		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	20		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	18		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	10		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	16		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	18		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	19		0		AD	FS	<input type="checkbox"/>	FS		

**Fish Consumption Use**

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

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0609\_01 From a point immediately upstream of the confluence of Indian Creek in Jasper County to Sam Rayburn Dam in Jasper County

### 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	12/01/11 - 11/30/18	10	16	0.04	0		AD	FS	<input type="checkbox"/>	FS			

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0610**

**Sam Rayburn Reservoir**

**AUID: 0610\_01**

Sam Rayburn main pool by the dam to the Bear Creek and Ayish Arms

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0610\_01** Sam Rayburn main pool by the dam to the Bear Creek and Ayish Arms

## 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	Aluminum (dissolved)	12/01/11 - 11/30/18	991	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	2.73	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	217.68	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	4.69	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	17.61	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Mercury	12/01/11 - 11/30/18	2.40	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	173.31	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	43.31	2		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	2	1.25	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.10	2	0.05	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	25.36	2	2	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	3.09	2	0.42	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	0.59	2	0.03	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Mercury	12/01/11 - 11/30/18	1.30	2	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	17.18	2	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	2	0.25	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	38.96	2	2	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	26		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	26		1	4.73	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	60		3	40.43	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	60		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	60		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	60		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Iron	12/01/11 - 11/30/18	40,000	58		22	51,004.55	AD	CS	<input type="checkbox"/>	CS	Iron in sediment	

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_01      Sam Rayburn main pool by the dam to the Bear Creek and Ayish Arms

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	58		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	59		29	1,415.17	AD	CS	<input type="checkbox"/>	CS	Manganese in sediment	
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	60		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	60		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	60		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	60		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	25	1.05	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	278	12.89	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	279	20.75	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	282	95.91	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	28		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	28		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	28		0		AD	FS	<input type="checkbox"/>	FS		



## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_01 Sam Rayburn main pool by the dam to the Bear Creek and Ayish Arms

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data	LOS	CF	Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	LOS			
Bioaccumulative Toxics in fish tissue	Mercury	12/01/11 - 11/30/18					ID	NA	<input checked="" type="checkbox"/>	CS	Mercury in edible tissue		
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18					OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18					OE	NS	<input type="checkbox"/>	NS	Dioxin in edible tissue	5c	
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.07	0	LD	NC	<input type="checkbox"/>	NC			
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	6	0.00	0	LD	NC	<input type="checkbox"/>	NC			
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	4.44	0	LD	NC	<input type="checkbox"/>	NC			

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data	LOS	CF	Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	LOS			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	6	1.25	0	LD	NC	<input type="checkbox"/>	NC			
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	6	0.05	0	LD	NC	<input type="checkbox"/>	NC			
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	137	0.11	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.07	0	LD	NC	<input type="checkbox"/>	NC			
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	6	0.00	0	LD	NC	<input type="checkbox"/>	NC			
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	4.44	0	LD	NC	<input type="checkbox"/>	NC			
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	282	0.05	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	6	0.25	0	LD	NC	<input type="checkbox"/>	NC			

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_02      Sam Rayburn lower Angelina River arm

### 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	12/01/11 - 11/30/18	3	26	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	26	1	4.70	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	60	3	40.43	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Iron	12/01/11 - 11/30/18	40,000	58	22	51,004.55	AD	CS	<input type="checkbox"/>	CS	Iron in sediment		
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	58	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	59	29	1,415.17	AD	CS	<input type="checkbox"/>	CS	Manganese in sediment		
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	60	0		AD	NC	<input type="checkbox"/>	NC			

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	26	0.50	0	AD	FS	<input type="checkbox"/>	FS			

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_02      Sam Rayburn lower Angelina River arm

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	278	12.89	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	279	20.75	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	282	95.91	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	26		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	26		0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bioaccumulative Toxics in fish tissue	Mercury	12/01/11 - 11/30/18						ID	NA	<input checked="" type="checkbox"/>	CS	Mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Dioxin in edible tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.07	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	4.44	0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_02 Sam Rayburn lower Angelina River arm

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	6	1.25	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	6	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	137	0.11	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.07	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	4.44	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	282	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_03 Sam Rayburn mid-Angelina River arm (area around SH 147)

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_03 Sam Rayburn mid-Angelina River arm (area around SH 147)

## 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	Aluminum (dissolved)	12/01/11 - 11/30/18	991	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	2.86	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	225.96	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	4.90	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	18.53	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Mercury	12/01/11 - 11/30/18	2.40	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	180.12	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	45.01	2		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	2	1.25	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.10	2	0.05	0		ID	NA	<input checked="" type="checkbox"/>	PI		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	25.36	2	2	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	3.09	2	0.47	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	0.59	2	0.04	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Mercury	12/01/11 - 11/30/18	1.30	2	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	17.18	2	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	2	0.25	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	38.96	2	2	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	26		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	26		1	4.61	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	60		3	40.43	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	60		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	60		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	60		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Iron	12/01/11 - 11/30/18	40,000	58		22	51,004.55	AD	CS	<input type="checkbox"/>	CS	Iron in sediment	

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_03 Sam Rayburn mid-Angelina River arm (area around SH 147)

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	58		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	59		29	1,415.17	AD	CS	<input type="checkbox"/>	CS	Manganese in sediment	
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	60		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	60		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	60		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	60		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	27	1.09	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	278	12.89	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	279	20.75	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	282	95.91	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	28		1	8.70	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	28		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	28		0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_03 Sam Rayburn mid-Angelina River arm (area around SH 147)

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bioaccumulative Toxics in fish tissue	Mercury	12/01/11 - 11/30/18						ID	NA	<input checked="" type="checkbox"/>	CS	Mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Dioxin in edible tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.07	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	4.44	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)	12/01/11 - 11/30/18	10	6	1.25	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	6	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	137	0.11	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.07	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	4.44	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	282	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		



## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_04      Sam Rayburn upper mid-Angelina River arm

### 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	12/01/11 - 11/30/18	3	26	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	26	1	4.60	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	60	3	40.43	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Iron	12/01/11 - 11/30/18	40,000	58	22	51,004.55	AD	CS	<input type="checkbox"/>	CS	Iron in sediment		
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	58	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	59	29	1,415.17	AD	CS	<input type="checkbox"/>	CS	Manganese in sediment		
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	60	0		AD	NC	<input type="checkbox"/>	NC			

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	26	0.66	0	AD	FS	<input type="checkbox"/>	FS			

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_04      Sam Rayburn upper mid-Angelina River arm

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	278	12.89	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	279	20.75	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	282	95.91	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	26		2	8.85	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	18		0		AD	FS	<input type="checkbox"/>	FS		

<b>Fish Consumption Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bioaccumulative Toxics in fish tissue	Mercury	12/01/11 - 11/30/18						ID	NA	<input checked="" type="checkbox"/>	CS	Mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Dioxin in edible tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.07	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	4.44	0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_04      Sam Rayburn upper mid-Angelina River arm

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	6	1.25	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	6	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	137	0.11	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.07	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	4.44	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	282	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_05      Sam Rayburn lower Attoyac Bayou arm

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	26	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	26	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	60	3	40.43	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Iron	12/01/11 - 11/30/18	40,000	58	22	51,004.55	AD	CS	<input type="checkbox"/>	CS	Iron in sediment		
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	58	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	59	29	1,415.17	AD	CS	<input type="checkbox"/>	CS	Manganese in sediment		
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	60	0		AD	NC	<input type="checkbox"/>	NC			

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	26	0.90	0	AD	FS	<input type="checkbox"/>	FS			

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_05      Sam Rayburn lower Attoyac Bayou arm

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	278	12.89	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	279	20.75	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	282	95.91	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	26		1	8.80	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	18		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	Mercury	12/01/11 - 11/30/18						ID	NA	<input checked="" type="checkbox"/>	CS	Mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Dioxin in edible tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.07	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	4.44	0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_05      Sam Rayburn lower Attoyac Bayou arm

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	6	1.25	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	6	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	137	0.11	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.07	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	4.44	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	282	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_06      Sam Rayburn upper Attoyac Bayou arm

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28	3	4.48	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	60	3	40.43	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Iron	12/01/11 - 11/30/18	40,000	58	22	51,004.55	AD	CS	<input type="checkbox"/>	CS	Iron in sediment		
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	58	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	59	29	1,415.17	AD	CS	<input type="checkbox"/>	CS	Manganese in sediment		
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	60	0		AD	NC	<input type="checkbox"/>	NC			

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	26	30.51	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_06      Sam Rayburn upper Attoyac Bayou arm

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	278	12.89	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	279	20.75	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	282	95.91	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	28		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	28		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	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	Mercury	12/01/11 - 11/30/18						ID	NA	<input checked="" type="checkbox"/>	CS	Mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Dioxin in edible tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.07	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	4.44	0		LD	NC	<input type="checkbox"/>	NC		



## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_06      Sam Rayburn upper Attoyac Bayou arm

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	6	1.25	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	6	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	137	0.11	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.07	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	4.44	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	282	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_07 Sam Rayburn upper Angelina arm

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_07 Sam Rayburn upper Angelina 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	Aluminum (dissolved)	12/01/11 - 11/30/18	991	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	3.19	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	247.67	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	5.45	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	21.00	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Mercury	12/01/11 - 11/30/18	2.40	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	198.02	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	49.49	2		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	2	1.25	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.10	2	0.05	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	25.36	2	2	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	3.09	2	1.44	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	0.59	2	0.13	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Mercury	12/01/11 - 11/30/18	1.30	2	0.01	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	17.18	2	8.31	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	2	0.25	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	38.96	2	9.05	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	53		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	53		5	4.08	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	60		3	40.43	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	60		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	60		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	60		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Iron	12/01/11 - 11/30/18	40,000	58		22	51,004.55	AD	CS	<input type="checkbox"/>	CS	Iron in sediment	

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_07      Sam Rayburn upper Angelina arm

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	58		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	59		29	1,415.17	AD	CS	<input type="checkbox"/>	CS	Manganese in sediment	
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	60		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	60		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	60		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	60		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	51	4.71	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	278	12.89	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	279	20.75	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	282	95.91	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	53		1	8.60	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	53		1	5.20	AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	45		0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_07 Sam Rayburn upper Angelina arm

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bioaccumulative Toxics in fish tissue	Mercury	12/01/11 - 11/30/18						ID	NA	<input checked="" type="checkbox"/>	CS	Mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Dioxin in edible tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.07	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	4.44	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)	12/01/11 - 11/30/18	10	6	1.25	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	6	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	137	0.11	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.07	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	4.44	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	282	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_08      Sam Rayburn Bear Creek arm

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	13	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	13	0	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	60	3	40.43	AD	NC	<input type="checkbox"/>	NC	
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	60	0	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	60	0	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	60	0	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Iron	12/01/11 - 11/30/18	40,000	58	22	51,004.55	AD	CS	<input type="checkbox"/>	CS	Iron in sediment
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	58	0	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	59	29	1,415.17	AD	CS	<input type="checkbox"/>	CS	Manganese in sediment
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	60	0	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	60	0	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	60	0	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	60	0	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	13	0.85	0	LD	NC	<input type="checkbox"/>	NC	

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_08

Sam Rayburn Bear Creek arm

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	278	12.89	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	279	20.75	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	282	95.91	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	13		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	13		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	13		0		AD	FS	<input type="checkbox"/>	FS		

<b>Fish Consumption Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bioaccumulative Toxics in fish tissue	Mercury	12/01/11 - 11/30/18						ID	NA	<input checked="" type="checkbox"/>	CS	Mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Dioxin in edible tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.07	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	4.44	0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_08      Sam Rayburn Bear Creek arm

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	6	1.25	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	6	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	137	0.11	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.07	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	4.44	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	282	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		



## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_09      Sam Rayburn lower Ayish Bayou arm

### 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	12/01/11 - 11/30/18	3	26	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	26	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	60	3	40.43	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Iron	12/01/11 - 11/30/18	40,000	58	22	51,004.55	AD	CS	<input type="checkbox"/>	CS	Iron in sediment		
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	58	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	59	29	1,415.17	AD	CS	<input type="checkbox"/>	CS	Manganese in sediment		
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	60	0		AD	NC	<input type="checkbox"/>	NC			

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	26	0.56	0	AD	FS	<input type="checkbox"/>	FS			

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_09      Sam Rayburn lower Ayish Bayou arm

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	278	12.89	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	279	20.75	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	282	95.91	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	26		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	26		0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bioaccumulative Toxics in fish tissue	Mercury	12/01/11 - 11/30/18						ID	NA	<input checked="" type="checkbox"/>	CS	Mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Dioxin in edible tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.07	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	4.44	0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_09      Sam Rayburn lower Ayish Bayou arm

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	6	1.25	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	6	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	137	0.11	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.07	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	4.44	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	282	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_10      Sam Rayburn upper Ayish Bayou arm

### 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	12/01/11 - 11/30/18	3	28	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28	3	4.10	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	60	3	40.43	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Iron	12/01/11 - 11/30/18	40,000	58	22	51,004.55	AD	CS	<input type="checkbox"/>	CS	Iron in sediment		
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	58	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	59	29	1,415.17	AD	CS	<input type="checkbox"/>	CS	Manganese in sediment		
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	60	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	60	0		AD	NC	<input type="checkbox"/>	NC			

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	26	9.62	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_10      Sam Rayburn upper Ayish Bayou arm

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	278	12.89	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	279	20.75	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	282	95.91	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	28		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	28		1	5.80	AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	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	Mercury	12/01/11 - 11/30/18						ID	NA	<input checked="" type="checkbox"/>	CS	Mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Dioxin in edible tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.07	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	4.44	0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0610\_10      Sam Rayburn upper Ayish Bayou arm

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	6	1.25	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	6	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	137	0.11	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.07	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	4.44	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	282	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0610A**      **Ayish Bayou**

**AUID: 0610A\_01**      From the headwaters of Sam Rayburn Reservoir, per WQS App. D, about 2.4 km north of FM 83 upstream to confluence with unnamed tributary about 0.4 km SW of int

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	0.59					ID	NA	<input checked="" type="checkbox"/>	PI		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	25		3	1.70	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	25		4	2.33	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	41	251.14	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	26		1	22.40	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	24		0		AD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0610A\_02** From the confluence with unnamed tributary about 0.4 km SW of intersection of SH 147 and AT and SF Railroad in the City of San Augustine upstream to the Bland Lak

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	19		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	19		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	19	340.46	1		LD	CN	<input checked="" type="checkbox"/>	NS	Bacteria in water	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	19		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	17		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	19		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	17		0		AD	NC	<input type="checkbox"/>	NC		



## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0610P**

**Bayou Carrizo**

**AUID: 0610P\_01**

From the confluence with Sam Rayburn Reservoir upstream to the headwaters near FM 941 in the City of Appleby

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	14		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	14		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	14	350.66	1		LD	CN	<input type="checkbox"/>	CN	Bacteria in water	

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	19		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	18		1	221.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	19		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	19		0		AD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0611**

**Angelina River Above Sam Rayburn Reservoir**

**AUID: 0611\_01**

From the aqueduct crossing upstream to the confluence with Old River Channel in Nacogdoches County about 2.8 km downstream of County Hwy 2625 at NHD RC 120

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	34		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	34		1	4.73	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	33	151.35	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	125	123	23.13	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	123	24.85	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	250	122	141.86	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	34		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	34		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	34		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	27		2	17.85	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	36		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	34		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	34		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	28	0.11	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	123	0.24	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0611\_02 From a point immediately upstream of the confluence with Old River channel about 2.8 km downstream of County Hwy 2625 upstream to the confluence with Mud Cree

### Aquatic Life Use

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

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	32	87.56	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	125	123	23.13	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	123	24.85	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	250	122	141.86	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	29		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	29		2	5.50	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	32		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	26		3	24.93	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	32		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	32		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	21		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	28	0.11	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	123	0.24	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0611\_03

From a point immediately upstream of the confluence with Mud Creek (0611C) upstream to the confluence with East Fork Angelina River (0611A)

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum	12/01/11 - 11/30/18	991					ID	NA	<input checked="" type="checkbox"/>	PI		
Chronic Toxic Substances in water	Lead	12/01/11 - 11/30/18	0.74					ID	NA	<input checked="" type="checkbox"/>	PI		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	23		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	23		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	23	130.41	1		AD	CN	<input type="checkbox"/>	CN	Bacteria in water	

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	125	123	23.13	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	123	24.85	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	250	122	141.86	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	23		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	23		1	5.80	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	21		1	17.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	25		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	16		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	28	0.11	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	123	0.24	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0611\_04**

From a point immediately upstream of confluence with East Fork Angelina River (0611A) upstream to confluence with Barnhardt and Mill Creeks.

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	32		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	32		1	4.40	AD	NC	☐	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	47	185.80	1		AD	NS	☐	NS	Bacteria in water	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	125	123	23.13	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	123	24.85	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	250	122	141.86	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	32		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6	32		1	5.90	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	32		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	25		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	32		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	32		11	1.71	AD	CS	☐	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	23		0		AD	FS	☐	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	28	0.11	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	123	0.24	0		AD	FS	☐	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0611A**      **East Fork Angelina River**

**AUID: 0611A\_01**      From the confluence with Angelina River (0611) at Rusk/Nacogdoches county line upstream to confluence with Beech Creek (0611J) in Rusk County

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	31	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	31	2    4.40	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	42    197.62	1	AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	32	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	21	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	33	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	28	0	AD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0611A\_02** From a point immediately upstream of confluence with Beech Creek (0611J) upstream to confluence with Wooten Creek (0611P)

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	30		1	1.80	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	30		1	1.80	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	24	223.93	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	31		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	21		1	109.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	33		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	29		0		AD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0611B**      **La Nana Bayou**

**AUID: 0611B\_01**      From the confluence with Angelina River (0611), per WQS App. D, upstream to State Loop 224 in City of Nacogdoches

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	26		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	26		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	26	279.46	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5b

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	26		4	0.60	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	26		13	4.71	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	26		19	2.36	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	



## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0611B\_02** From the upstream side of State Loop 224 upstream to FM 1878 in City of Nacogdoches, per WQS App. D.

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	24		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	24		2	3.75	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	35	576.58	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5b

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	26		1	0.54	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	23		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	26		0		AD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0611B\_03** From the upstream side of FM 1878 in City of Nacogdoches upstream to confluence with Banita Creek.

### Aquatic Life Use

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

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	20	443.93	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5b

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	25		1	24.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	26		0		AD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0611C**

**Mud Creek**

**AUID: 0611C\_01** From the confluence with Angelina River (0611), per WQS App. D, at the Cherokee and Nacogdoches county line south of City of Reklaw upstream to top of channelize

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991					ID	NA	<input checked="" type="checkbox"/>	PI		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	0.87					ID	NA	<input checked="" type="checkbox"/>	PI		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	19		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	19		1	4.80	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	26	200.88	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5b

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	28		1	0.48	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	22		3	58.97	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	28		0		AD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0611C\_02** From a point immediately upstream of channelized/dredged portion about 2.3 km south of US hwy 79 at -95.150452N/31.956933W upstream to confluence with Prairie (

### Aquatic Life Use

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

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	29	119.32	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	29		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	23		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	29		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	29		0		AD	NC	<input type="checkbox"/>	NC		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0611D**

**West Mud Creek**

**AUID: 0611D\_01** From the confluence with Mud Creek (0611C), per WQS App. D, upstream to confluence with unnamed tributary about 75 m north of WWTP in City of Tyler at NHD R

### 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	11/30/11 - 11/30/18	2	10	0	TR	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	11/30/11 - 11/30/18	3	10	0	TR	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	12/01/11 - 11/30/18	126	21 378.43	1	TR	NA	<input checked="" type="checkbox"/>	NS	Bacteria in water	5c

### 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	11/30/11 - 11/30/18	0.33	10	4 0.47	TR	NA	<input checked="" type="checkbox"/>	CS	Ammonia in water	
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	1	0	TR	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	11/30/11 - 11/30/18	1.95	10	8 4.03	TR	NA	<input checked="" type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	11/30/11 - 11/30/18	0.69	10	0	TR	NC	<input type="checkbox"/>	NA		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0611Q**      **Lake Nacogdoches**

**AUID: 0611Q\_01**      Located approximately 10 mi west of Nacogdoches in Nacogdoches County

### Aquatic Life Use

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

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	52	1.04	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
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	52		5	0.16	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	50		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	52		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	52		0		JQ	NA	<input type="checkbox"/>	NA		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	52	0.06	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0611R**      **Lake Striker**

**AUID: 0611R\_01**      From the dam approximately 0.5 mi west of CR2430 to the north end of the lake south of US HWY 79 in Rusk County north of Reklaw

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	50	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	50	0	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	48 2.00	0	AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	48	0	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	45	1 55.10	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	50	0	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	48	0	JQ	NA	<input type="checkbox"/>	NA		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0611V**      **Bowles Creek**

**AUID: 0611V\_01**      From the confluence with Striker Creek in Cherokee County upstream to the headwaters in the City of Overton, 0.09 mi west of FM 2089

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	15	2	1.90	AD	FS	<input type="checkbox"/>	FS	
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	15	5	3.22	AD	CS	<input type="checkbox"/>	CS	Depressed dissolved oxygen in water

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	15	64.97	0	LD	NC	<input type="checkbox"/>	NC	

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	18	1	0.56	AD	NC	<input type="checkbox"/>	NC	
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	16	2	40.85	AD	NC	<input type="checkbox"/>	NC	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	18	0		AD	NC	<input type="checkbox"/>	NC	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	18	0		AD	NC	<input type="checkbox"/>	NC	



## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0611W     Johnson Creek**

**AUID: 0611W\_01** From the confluence with Striker Creek in Cherokee County upstream to the headwaters in the City of New London, 0.02 mi north of County Road 112

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	14	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	14	1    4.30	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	14    99.40	0	LD	NC	<input type="checkbox"/>	NC		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	17	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	15	1    22.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	17	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	17	0	AD	NC	<input type="checkbox"/>	NC		

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0612**

**Attoyac Bayou**

**AUID: 0612\_01**

From the lower boundary approximately at confluence with Granberry Branch upstream to confluence with Polly Branch.

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	24		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	24		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	40	197.46	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	75	71	13.41	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	71	20.65	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	71	106.70	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	24		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	24		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	22		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	16		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	71	0.35	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0612\_02** From a point immediately upstream of Polly Branch confluence upstream to confluence with Bear Bayou.

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	40		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	40		4	4.35	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	40	187.58	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	75	71	13.41	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	71	20.65	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	71	106.70	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	40		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	40		2	5.25	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	40		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	40		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	40		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	30		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	71	0.35	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0612\_03** From a point immediately upstream of Bear Bayou upstream to upper boundary at FM 95.

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	21		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	21		1	4.90	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	21	261.92	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	75	71	13.41	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	71	20.65	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	71	106.70	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	8.50	21		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6	21		1	5.70	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	26		2	0.68	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	24		2	22.35	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	26		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	14		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	71	0.35	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0612F**      **West Creek**

**AUID: 0612F\_01**      From the confluence with Attoyac Bayou in Shelby Co. to the headwaters approximately 2.2 km upstream of CR 4054 in Shelby Co.

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	19		0	AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	19		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	12/01/11 - 11/30/18	126	19	210.39	1	LD	CN	<input type="checkbox"/>	CN	Bacteria in water			

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	19		0	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	17		0	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	19		0	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	19		0	AD	NC	<input type="checkbox"/>	NC				

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0612G**      **Lake Naconiche**

**AUID: 0612G\_01**      Impounded Naconiche Creek in Nacogdoches County, 2.5 mi northeast of Appleby

### 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	12/01/11 - 11/30/18	3	19	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	19	3	3.97	AD	NC	<input type="checkbox"/>	NC			

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	19	1.55	0	LD	NC	<input type="checkbox"/>	NC			

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	19	5	0.52	JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	17	2	38.15	JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	19	1	0.61	JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	19	0		JQ	NA	<input type="checkbox"/>	NA			

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0613**

**Lake Tyler/Lake Tyler East**

**AUID: 0613\_01**

Lake Tyler lower reservoir

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	26		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	26		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	20	1.81	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	88	12.02	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	88	10.35	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	92	71.27	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	26		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	26		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	88	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	87	0.06	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0613\_02      Lake Tyler upper reservoir

### Aquatic Life Use

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

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	07/13/10 - 11/30/18	126	20	2.11	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	88	12.02	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	88	10.35	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	92	71.27	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	20		1	9.20	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	20		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	20		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	88	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	87	0.06	0		AD	FS	<input type="checkbox"/>	FS		



## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0613\_03      Lake Tyler East lower reservoir

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	26		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	26		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	20	1.75	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	88	12.02	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	88	10.35	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	92	71.27	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	26		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	26		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	88	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	87	0.06	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0613\_04      Lake Tyler East upper reservoir

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	20		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	20		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	10/05/10 - 11/30/18	126	20	3.89	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	88	12.02	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	88	10.35	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	200	92	71.27	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	20		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	20		2	6.15	AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	20		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	88	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	87	0.06	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0614**

**Lake Jacksonville**

**AUID: 0614\_01**

Lower reservoir

**Aquatic Life Use**

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

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/07/10 - 11/30/18	126	20	2.06	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	47	8.42	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	47	7.67	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	49	55.01	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	28		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	28		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	28		0		AD	FS	<input type="checkbox"/>	FS		

**Domestic Water Supply Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	47	0.11	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	46	0.06	0		AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0614\_02      Upper reservoir

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	21		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	21		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	12/14/09 - 11/30/18	126	20	2.58	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	47	8.42	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	47	7.67	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	49	55.01	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	21		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	21		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	21		0		AD	FS	<input type="checkbox"/>	FS		

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	47	0.11	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	46	0.06	0		AD	FS	<input type="checkbox"/>	FS		

# 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0615**

**Angelina River/Sam Rayburn Reservoir**

**AUID: 0615\_01**

The riverine portion of Sam Rayburn Reservoir from a point 5.6 km (3.5 mi) upstream of Marion's Ferry to the aqueduct crossing 1.0 km (0.6 mi) upstream of the conflu

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0615\_01** The riverine portion of Sam Rayburn Reservoir from a point 5.6 km (3.5 mi) upstream of Marion's Ferry to the aqueduct crossing 1.0 km (0.6 mi) upstream of the conflu

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991	2		0		ID	NA	<input checked="" type="checkbox"/>	PI		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	4.43	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	326.69	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	7.49	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	30.61	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Mercury	12/01/11 - 11/30/18	2.40	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	263.60	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	65.91	2		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	2	1.25	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.10	2	0.05	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	25.36	2	2	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	3.09	2	1.23	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	0.59	2	0.09	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Mercury	12/01/11 - 11/30/18	1.30	2	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	17.18	2	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	2	0.25	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	38.96	2	5.10	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	56		2	1.08	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	56		8	3.29	SM	CS	<input type="checkbox"/>	NA		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	42	2	46			AD	FS	<input type="checkbox"/>	FS		
Habitat	Habitat	12/01/11 - 11/30/18	20	2	21			AD	NC	<input type="checkbox"/>	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	30	2	31			AD	FS	<input type="checkbox"/>	FS		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID: 0615\_01**    The riverine portion of Sam Rayburn Reservoir from a point 5.6 km (3.5 mi) upstream of Marion's Ferry to the aqueduct crossing 1.0 km (0.6 mi) upstream of the conflu

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	51	79.76	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	55	21.67	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	55	25.36	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	54	142.22	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	56		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	56		4	6.33	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	52		5	0.18	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	54		2	32.45	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	55		21	0.53	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	52		21	0.29	JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	56		0		AD	FS	<input type="checkbox"/>	FS		

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Dioxin in edible tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	2	0.09	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	2	0.00	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	2	2.50	0		ID	NA	<input type="checkbox"/>	NA		

## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**AUID:** 0615\_01      The riverine portion of Sam Rayburn Reservoir from a point 5.6 km (3.5 mi) upstream of Marion's Ferry to the aqueduct crossing 1.0 km (0.6 mi) upstream of the conflu

### Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	2	1.25	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	2	0.05	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	55	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	2	0.09	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	2	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	2	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	55	0.33	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	2	0.25	0		ID	NA	<input type="checkbox"/>	NA		



## 2020 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

**SEGID: 0615A**      **Paper Mill Creek**

**AUID: 0615A\_01**      From the confluence of Angelina River/Sam Rayburn (0615) upstream to confluence with Mill Creek (0615B)

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum	12/01/11 - 11/30/18	991					ID	NA	<input checked="" type="checkbox"/>	PI		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	1.50	28		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	28		1	1.80	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	25	230.96	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5b

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	26		2	0.57	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	25		3	35.40	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	26		0		AD	NC	<input type="checkbox"/>	NC		