

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

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Inadequate Data (less than 4) JQ = Level of support is based on judgment of the assessor SM = This assessment method is superseded by another method 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

2018 Texas Integrated Report - Assessment Results for Basin 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		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Chronic Toxic Substances in water	Malathion	12/01/09 - 11/30/16	0.01	13	0.08	1		AD	NS	<input checked="" type="checkbox"/>	CN	malathion in water	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	27		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	27		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	70	91		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	9.60	91		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	370	91		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	270	91		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	218	90		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	0.71	78		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	51.60	91		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	3.70	88		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	410	91		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16	35	28	170.01	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5a

2018 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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/09 - 11/30/16	8.50	28		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6	28		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.46	25		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	21	27		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.10	26		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.66	21		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	28		0		AD	FS	☐	FS		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	☐	NS	PCBs in Gafftopsail Catfish	5c

2018 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	12/01/09 - 11/30/16	2	27	1	1.27	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	27	1	1.27	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	70	91	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	9.60	91	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	370	91	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	270	91	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	218	90	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	0.71	78	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	51.60	91	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	3.70	88	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	410	91	0		AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16	35	28	166.22	1	AD	NS	<input type="checkbox"/>	NS	bacteria	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	12/01/09 - 11/30/16	8.50	28	0		AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/09 - 11/30/16	6	28	0		AD	FS	<input type="checkbox"/>	FS			
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.46	27	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	21	27	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.10	27	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.66	22	0		AD	NC	<input type="checkbox"/>	NC			
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	28	0		AD	FS	<input type="checkbox"/>	FS			

2018 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	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	PCBs in Gafftopsail Catfish	5c	

2018 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	12/01/09 - 11/30/16	2	28	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	28	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	70	91	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	9.60	91	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	370	91	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	270	91	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	218	90	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	0.71	78	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	51.60	91	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	3.70	88	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	410	91	0		AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16	35	27	300.31	1	AD	NS	<input type="checkbox"/>	NS	bacteria	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	12/01/09 - 11/30/16	8.50	29	0		AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/09 - 11/30/16	6	29	0		AD	FS	<input type="checkbox"/>	FS			
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.46	27	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	21	27	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.10	27	1	1.31	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.66	22	0		AD	NC	<input type="checkbox"/>	NC			
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	29	0		AD	FS	<input type="checkbox"/>	FS			

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

2018 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		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	50	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	50	2	2.50	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	70	91	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	9.60	91	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	370	91	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	270	91	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	218	90	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	0.71	78	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	51.60	91	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	3.70	88	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	410	91	0		AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16	35	48	102.89	1	AD	NS	<input type="checkbox"/>	NS	bacteria	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	12/01/09 - 11/30/16	8.50	51	0		AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/09 - 11/30/16	6	51	0		AD	FS	<input type="checkbox"/>	FS			
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.46	48	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	21	35	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.10	48	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.66	44	0		AD	NC	<input type="checkbox"/>	NC			
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	51	0		AD	FS	<input type="checkbox"/>	FS			

2018 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	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	PCBs in Gafftopsail Catfish	5c	

2018 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		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Chronic Toxic Substances in water	Malathion	12/01/09 - 11/30/16	0.01	10	0.06	1		AD	NS	<input checked="" type="checkbox"/>	CN	malathion in water	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	27		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	27		3	3.60	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	70	27		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	9.60	27		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	370	27		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	270	27		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	218	26		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	0.71	21		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	51.60	27		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	3.70	27		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	410	27		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	Enterococcus	12/01/09 - 11/30/16	35	28	701.90	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.46	24		8	1.01	AD	CS	<input type="checkbox"/>	CS	ammonia	
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	21	27		3	25.23	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.10	27		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.66	25		0		AD	NC	<input type="checkbox"/>	NC		

2018 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	12/01/09 - 11/30/16	991					ID	NA	<input checked="" type="checkbox"/>	PI		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	32		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	32		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	12/01/09 - 11/30/16	126	33	9.00	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	85	14.82	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	85	22.61	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	86	100.43	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	32		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	32		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	31		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	9		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	31		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	32		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	32		1	33.10	AD	FS	<input type="checkbox"/>	FS		

2018 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

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bioaccumulative Toxics in fish tissue	Mercury	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in fish tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	2	0.50	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	3	1.08	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	3	0.35	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	2	0.50	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	82	0.04	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	3	0.13	0		ID	NA	<input type="checkbox"/>	NA		

2018 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		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	3.13	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	243.56	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	5.41	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	20.83	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	194.63	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	48.64	3		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	3	1.08	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.10	3	0.05	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	25.36	3	2	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.09	2	0.85	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.59	2	0.29	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	3	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	17.18	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	3	0.13	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	38.96	3	2	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	22		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	22		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	25	27.11	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	85	14.82	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	85	22.61	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	86	100.43	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	23		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	23		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	27		4	19.08	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	27		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	23		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	23		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	12/01/09 - 11/30/16	0.53					ID	NA	<input checked="" type="checkbox"/>	CS	mercury in fish tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	dioxin in fish tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in fish tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	2	0.50	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		

2018 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 LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	3	1.08	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	3	0.35	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	2	0.50	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	82	0.04	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	3	0.13	0		ID	NA	<input type="checkbox"/>	NA		

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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	12/01/09 - 11/30/16	991					ID	NA	<input checked="" type="checkbox"/>	PI		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	26		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	26		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	26	8.91	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	85	14.82	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	85	22.61	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	86	100.43	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	26		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	8		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	25		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	26		0		AD	FS	<input type="checkbox"/>	FS		

2018 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

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bioaccumulative Toxics in fish tissue	Mercury	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in fish tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	dioxin in fish tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	2	0.50	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	3	1.08	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	3	0.35	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	2	0.50	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	82	0.04	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	3	0.13	0		ID	NA	<input type="checkbox"/>	NA		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	85	14.82	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	85	22.61	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	86	100.43	0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Bioaccumulative Toxics in fish tissue	Mercury	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in fish tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	dioxin in fish tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	2	0.50	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	3	1.08	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	3	0.35	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	2	0.50	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	82	0.04	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	3	0.13	0		ID	NA	<input type="checkbox"/>	NA		

2018 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	12/01/09 - 11/30/16	3	27		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	27		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	12/01/09 - 11/30/16	126	27	6.79	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	28	15.32	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	28	20.43	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	28	105.71	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	28		1	8.60	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	28		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	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	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in fish tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	dioxin in fish tissue	5c

2018 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	12/01/09 - 11/30/16	4	28	0.12	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	27	0.04	0		AD	FS	<input type="checkbox"/>	FS			

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	28	15.32	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	28	20.43	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	28	105.71	0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	<input type="checkbox"/>	FS		

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

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	28	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	27	0.04	0		AD	FS	<input type="checkbox"/>	FS		

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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		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	1.26	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	113.86	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	2.23	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	7.20	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	88.73	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	22.15	3		0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	3	1.17	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.10	3	0.05	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	25.36	3	2	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.09	3	0.61	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.59	3	0.17	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	17.18	3	2.50	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	3	0.13	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	38.96	3	7.58	0		ID	NA	<input type="checkbox"/>	NA			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	27		0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	27		0		AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	26	173.05	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c	

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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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	8		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	25		0		AD	NC	<input type="checkbox"/>	NC		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	3	0.24	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		

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AUID: 0603A_02 From 0.5 km below FM 776 east of the City of Jasper upstream to the headwaters at Recreational Road 255 north of the City of Jasper

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	3	0.24	0		ID	NA	<input type="checkbox"/>	NA			
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	3	2.50	0		ID	NA	<input type="checkbox"/>	NA			

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

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	26	156.80	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	8		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	25		0		AD	NC	<input type="checkbox"/>	NC		

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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		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	23	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	23	0		AD	NC	<input type="checkbox"/>	NC				

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	25 27.31	0		AD	FS	<input type="checkbox"/>	FS				

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	129 23.91	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	131 27.36	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	131 140.26	0		AD	FS	<input type="checkbox"/>	FS				
High pH	pH	12/01/09 - 11/30/16	8.50	23	0		AD	FS	<input type="checkbox"/>	FS				
Low pH	pH	12/01/09 - 11/30/16	6	23	0		AD	FS	<input type="checkbox"/>	FS				
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	25	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	25	2 16.05		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	25	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	24	0		AD	NC	<input type="checkbox"/>	NC				
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	16	0		AD	FS	<input type="checkbox"/>	FS				

Fish Consumption Use

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

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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	12/01/09 - 11/30/16	4	106	0.12	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	130	0.20	0		AD	FS	<input type="checkbox"/>	FS			

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

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	24	62.35	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	129	23.91	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	131	27.36	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	131	140.26	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	26		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	26		2	22.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	27		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	20		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	26		0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use

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

2018 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	12/01/09 - 11/30/16	4	106	0.12	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	130	0.20	0		AD	FS	<input type="checkbox"/>	FS			

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

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	23	65.32	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	129	23.91	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	131	27.36	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	131	140.26	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	27		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	27		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	26		5	18.38	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	27		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	22		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	27		0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use

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

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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	12/01/09 - 11/30/16	4	106	0.12	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	130	0.20	0		AD	FS	<input type="checkbox"/>	FS			

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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		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	25		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	25		1	4.70	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	21	77.07	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	129	23.91	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	131	27.36	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	131	140.26	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	23		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	23		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	26		5	24.34	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	24		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	25		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	106	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	130	0.20	0		AD	FS	<input type="checkbox"/>	FS		

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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		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	6		0		SM	NC	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	6		0		SM	NC	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	20		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	20		1	3.40	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	21	77.82	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	129	23.91	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	131	27.36	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	131	140.26	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	19		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	19		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	26		12	22.73	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	24		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	20		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	106	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	130	0.20	0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

SEGID: 0604A Cedar Creek

AUID: 0604A_01 From the confluence with the Neches River upstream to the confluence with Jack Creek (0604C)

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	2	0.33	0		ID	NA	<input type="checkbox"/>	NA			
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	2	2.50	0		ID	NA	<input type="checkbox"/>	NA			

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

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		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	4.86	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	353.25	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	8.19	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	34.02	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	285.77	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	71.46	2		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	2	1.13	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.12	2	0.06	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	32.10	2	2	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.96	2	3.63	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.81	2	0.28	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	21.91	2	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	2	0.13	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	49.71	2	21.75	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	36		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	36		2	3.45	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	37	267.89	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

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

General Use												
Method	Parameter	Period of Record	Criteria	Data Assessed	Exceedances	Data	Int				TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS	
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	52		5	1.66	AD	NC	<input type="checkbox"/>	NC	
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	52		1	28.50	AD	NC	<input type="checkbox"/>	NC	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	52		19	9.80	AD	CS	<input type="checkbox"/>	CS	nitrate
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	52		18	2.39	AD	CS	<input type="checkbox"/>	CS	total phosphorus
Fish Consumption Use												
Method	Parameter	Period of Record	Criteria	Data Assessed	Exceedances	Data	Int				TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS	
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	2	0.33	0		ID	NA	<input type="checkbox"/>	NA	
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	2	2.50	0		ID	NA	<input type="checkbox"/>	NA	

2018 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	12/01/09 - 11/30/16	3	16		2	2.60	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	16		7	3.63	AD	CS	<input type="checkbox"/>	CS	Depressed dissolved oxygen in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	16	116.33	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
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	22		2	0.60	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	22		3	23.43	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	22		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	22		1	0.73	AD	NC	<input type="checkbox"/>	NC		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	2	0.33	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	2	2.50	0		ID	NA	<input type="checkbox"/>	NA		

2018 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		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	7.64	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	516.52	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	12.69	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	56.67	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	423.11	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	105.87	3		0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	3	1.79	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.12	3	0.06	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	32.10	3	2	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.96	3	1.85	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.81	3	0.28	0		ID	NA	<input checked="" type="checkbox"/>	PI			
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	21.91	3	2.50	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	3	0.13	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	49.71	3	4.29	0		ID	NA	<input type="checkbox"/>	NA			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	33		0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	33		3	3.50	AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	34	265.62	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c	

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

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.

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	37		2	2.25	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	37		3	23.27	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	37		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	37		1	0.83	AD	NC	<input type="checkbox"/>	NC		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	38.30	3	0.34	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	11,400	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		

2018 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 LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	6	0		LD	NC	<input type="checkbox"/>	NC			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	6	0		LD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	6	217.48	1	LD	CN	<input 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	12/01/09 - 11/30/16	0.33	11	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	11	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	11	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	11	0		AD	NC	<input type="checkbox"/>	NC			

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	38.30	3	0.34	0	ID	NA	<input type="checkbox"/>	NA			
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	11,400	3	2.50	0	ID	NA	<input type="checkbox"/>	NA			

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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		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	PI			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	8		0		LD	NC	<input checked="" type="checkbox"/>	PI		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	2.38	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	193.92	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	4.11	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	15.03	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	4		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	153.80	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	8		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	38.42	8		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	8	2.43	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.12	8	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	32.10	8	2	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.96	8	2.11	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.81	8	0.19	0		LD	NC	<input checked="" type="checkbox"/>	PI		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	21.91	8	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	8	0.13	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	49.71	8	5.13	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	51		1	1.80	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	51		4	4.08	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	PI			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	48	153.59	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

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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.

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	48		3	0.49	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	48		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	48		4	5.50	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	48		19	1.57	AD	CS	☐	CS	total phosphorus	

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	8	0.21	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	4	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	8	2.50	0		LD	NC	☐	NC		

2018 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		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	5		0		LD	NC	<input checked="" type="checkbox"/>	PI			
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	5		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	8.67	5		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	574.76	5		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	14.35	5		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	65.34	5		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	4		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	472.48	5		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	5		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	118.24	5		0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	5	1.20	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.12	5	0.07	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	32.10	5	2	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.96	5	0.76	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.81	5	0.22	0		LD	NC	<input checked="" type="checkbox"/>	PI			
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	4	0.00	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	21.91	5	3.39	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	5	0.15	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	49.71	5	9.73	0		LD	NC	<input type="checkbox"/>	NC			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	6		2	2.15	SM	CN	<input type="checkbox"/>	NA			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	6		3	3.03	SM	CS	<input type="checkbox"/>	NA			

2018 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

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	1	36	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
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	1		0		ID	NA	<input checked="" type="checkbox"/>	CS	ammonia	
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	1		0		ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	1		0		ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	1		0		ID	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
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	5	0.24	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	5	3.39	0		LD	NC	<input type="checkbox"/>	NC		

2018 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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	15		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	15		3	3.70	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	04/10/08 - 11/30/16	126	20	182.65	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	12/01/09 - 11/30/16	0.33	24		0	0.36	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	24		6	165.35	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	23		1	0.87	AD	NC	<input type="checkbox"/>	NC		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	5	0.24	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	5	3.39	0		LD	NC	<input type="checkbox"/>	NC		

2018 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	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	5	0.24	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	5	3.39	0		LD	NC	<input type="checkbox"/>	NC		

2018 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		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	PI			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	6		0		LD	NC	<input checked="" type="checkbox"/>	PI		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	4.50	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	330.60	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	7.59	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	31.11	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	4		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	266.86	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	66.73	6		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	6	1.49	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.12	6	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	32.10	6	2	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.96	6	1.15	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.81	6	0.13	0		LD	NC	<input checked="" type="checkbox"/>	PI		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	4	0.01	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	21.91	6	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	6	0.16	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	49.71	6	3.12	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	30		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	30		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	PI			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	25	87.21	0		AD	FS	<input type="checkbox"/>	FS		

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AUID: 0604M_02 From the confluence with Neches River (0604) upstream to confluence with One Eye Creek in Angelina County SE of Lufkin.

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	26		1	0.50	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	26		2	36.30	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	25		0		AD	NC	<input type="checkbox"/>	NC		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	38.30	6	0.14	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.12	4	0.01	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	11,400	6	2.50	0		LD	NC	<input type="checkbox"/>	NC		

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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		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	2					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	36		4	1.13	SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	36		8	1.80	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	12/01/09 - 11/30/16	126	35	144.72	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33					ID	NA	<input checked="" type="checkbox"/>	CS	ammonia	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69					ID	NA	<input checked="" type="checkbox"/>	CS	total phosphorus	

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	38.30	6	0.14	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.12	4	0.01	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	11,400	6	2.50	0		LD	NC	<input type="checkbox"/>	NC		

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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		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	PI			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	6		0		LD	NC	<input checked="" type="checkbox"/>	PI		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	7.31	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	497.62	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	12.15	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	53.92	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	4		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	407.13	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	101.87	6		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	6	1.21	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.12	6	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	32.10	6	2	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.96	6	0.99	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.81	6	0.10	0		LD	NC	<input checked="" type="checkbox"/>	PI		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	21.91	6	4.20	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	6	0.13	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	49.71	6	2.61	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	30		1	0.80	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	30		2	1.45	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	PI			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	25	84.74	0		AD	FS	<input type="checkbox"/>	FS		

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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.

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	24		0		AD	NC	<input type="checkbox"/>	NC		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	38.30	6	0.12	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.12	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	11,400	6	4.20	0		LD	NC	<input type="checkbox"/>	NC		

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AUID: 0604N_02 From the confluence with Graham Creek (0604E) SW of City of Huntington upstream to 0.23km south of Old Ewing Rd east of Lufkin at NHD RC 12020002000418.

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	38.30	6	0.12	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.12	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	11,400	6	4.20	0		LD	NC	<input type="checkbox"/>	NC		

2018 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		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	24	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	24	2	3.80	AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	26	4.63	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	12/01/09 - 11/30/16	0.11	26	3	0.22	JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	26	4	36.53	JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	26	0		JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	25	0		JQ	NA	<input type="checkbox"/>	NA			

Fish Consumption Use

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

2018 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		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	26	1	1.52	AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	26	2	2.70	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	6	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	6	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	6	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	6	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	6	1	48,500.00	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	6	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	6	3	3,473.33	LD	CS	<input type="checkbox"/>	CS	Manganese in sediment			
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	6	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	6	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	6	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	6	0		LD	NC	<input type="checkbox"/>	NC				

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	20	1.59	0	AD	FS	<input type="checkbox"/>	FS				

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

AUID: 0605_01 Lower portion of reservoir near dam to the first bend in reservoir

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	161	21.61	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	166	27.02	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	154	130.93	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	26		6	9.21	AD	NS	<input type="checkbox"/>	NS	pH	5b
Low pH	pH	12/01/09 - 11/30/16	6	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/09 - 11/30/16						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	26		1	32.70	AD	FS	<input type="checkbox"/>	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	166	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	162	0.05	0		AD	FS	<input type="checkbox"/>	FS		

2018 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	12/01/09 - 11/30/16	3	26		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	26		2	4.48	AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	6		1	48,500.00	LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	6		3	3,473.33	LD	CS	☐	CS	Manganese in sediment	
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	6		0		LD	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	03/02/09 - 11/30/16	126	20	1.35	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	161	21.61	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	166	27.02	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	154	130.93	0		AD	FS	☐	FS		
High pH	High pH	12/01/09 - 11/30/16	8.50	24		9	9.01	AD	NS	☐	NS	High pH in water	5b
Low pH	pH	12/01/09 - 11/30/16	6	26		0		AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/09 - 11/30/16						AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	26		0		AD	FS	☐	FS		

2018 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.

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	12/01/09 - 11/30/16	4	166	0.12	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	162	0.05	0		AD	FS	<input type="checkbox"/>	FS			

2018 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		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	26	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	26	1	3.43	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	6	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	6	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	6	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	6	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	6	1	48,500.00	LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	6	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	6	3	3,473.33	LD	CS	<input type="checkbox"/>	CS	Manganese in sediment		
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	6	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	6	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	6	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	6	0		LD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	20	2.60	0	AD	FS	<input type="checkbox"/>	FS			

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	161	21.61	0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	166	27.02	0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	154	130.93	0	AD	FS	<input type="checkbox"/>	FS			
High pH	pH	12/01/09 - 11/30/16	8.50	26		9	8.78	AD	NS	<input type="checkbox"/>	NS	pH	5b
Low pH	pH	12/01/09 - 11/30/16	6	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/09 - 11/30/16						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	26		0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

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

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	12/01/09 - 11/30/16	4	166	0.12	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	162	0.05	0		AD	FS	<input type="checkbox"/>	FS			

2018 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	12/01/09 - 11/30/16	3	25		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	25		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	6		1	48,500.00	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	6		3	3,473.33	LD	CS	<input type="checkbox"/>	CS	Manganese in sediment	
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	6		0		LD	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	03/02/09 - 11/30/16	126	20	1.94	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	12/01/09 - 11/30/16	50	161	21.61	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	166	27.02	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	154	130.93	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	25		8	8.91	AD	NS	<input type="checkbox"/>	NS	pH	5b
Low pH	pH	12/01/09 - 11/30/16	6	25		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/09 - 11/30/16						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	25		2	32.95	AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

AUID: 0605_09 Flat 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	Fluoride	12/01/09 - 11/30/16	4	166	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	162	0.05	0		AD	FS	<input type="checkbox"/>	FS		

2018 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	12/01/09 - 11/30/16	3	25		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	25		1	4.86	AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	6		1	48,500.00	LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	6		3	3,473.33	LD	CS	☐	CS	Manganese in sediment	
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	6		0		LD	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	11/04/09 - 11/30/16	126	20	3.67	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	161	21.61	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	166	27.02	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	154	130.93	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	25		7	8.90	AD	NS	☐	NS	pH	5b
Low pH	pH	12/01/09 - 11/30/16	6	25		0		AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/09 - 11/30/16						AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	25		1	32.40	AD	FS	☐	FS		

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

AUID: 0605_10 Upper Lake

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	166	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	162	0.05	0		AD	FS	<input type="checkbox"/>	FS		

2018 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		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	26	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	26	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	6	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	6	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	6	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	6	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	6	1	48,500.00	LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	6	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	6	3	3,473.33	LD	CS	<input type="checkbox"/>	CS	Manganese in sediment		
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	6	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	6	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	6	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	6	0		LD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	09/02/09 - 11/30/16	126	20	1.58	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	161	21.61	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	166	27.02	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	154	130.93	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	26		5	9.00	AD	NS	<input type="checkbox"/>	NS	pH	5b
Low pH	pH	12/01/09 - 11/30/16	6	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/09 - 11/30/16						AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	26		2	32.70	AD	FS	<input type="checkbox"/>	FS		

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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

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	12/01/09 - 11/30/16	4	166	0.12	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	162	0.05	0		AD	FS	<input type="checkbox"/>	FS			

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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		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	5.14	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	370.33	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	8.65	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	36.26	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	300.05	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	75.04	1		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	1	1.25	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.10	1	0.05	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	25.36	1	2	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.09	1	0.53	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.59	1	0.03	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	17.18	1	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	38.96	1	2	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	2					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	3		1	1.90	SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	3		1	1.90	SM	NA	<input type="checkbox"/>	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	2	2,271.56	1		ID	NA	<input checked="" type="checkbox"/>	NS	bacteria	5c

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AUID: 0605A_01 From the confluence with Lake Palestine (0605) east of Brownsboro in Henderson County to the confluence with Slater Creek (0605E).

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	3		0		ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	3		0		ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	3		0		ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	2		0		ID	NA	<input type="checkbox"/>	NA		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	38.30	1	0.03	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	11,400	1	2.50	0		ID	NA	<input type="checkbox"/>	NA		

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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		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	17	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	17	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	11/27/07 - 11/30/16	126	20	250.34	1	AD	NS	<input type="checkbox"/>	NS	bacteria	5c	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	17		1	0.38	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	16		3	23.57	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	17		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	15		0		AD	NC	<input type="checkbox"/>	NC		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	38.30	1	0.03	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	11,400	1	2.50	0		ID	NA	<input type="checkbox"/>	NA		

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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	12/01/09 - 11/30/16	3	54	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	54	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	12/01/09 - 11/30/16	126	49 1.87	0	AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	52	3 0.16	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	54	0	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	51	0	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	44	0	JQ	NA	<input type="checkbox"/>	NA		

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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		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	16	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	16	1	3.80	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	06/25/07 - 11/30/16	126	20	256.32	1	AD	NS	<input type="checkbox"/>	NS	bacteria		5c	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	46	36.66	0	AD	FS	<input type="checkbox"/>	FS				
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	46	42.34	0	AD	FS	<input type="checkbox"/>	FS				
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	47	210.58	0	AD	FS	<input type="checkbox"/>	FS				
High pH	pH	12/01/09 - 11/30/16	8.50	16		0	AD	FS	<input type="checkbox"/>	FS				
Low pH	pH	12/01/09 - 11/30/16	6	16		0	AD	FS	<input type="checkbox"/>	FS				
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	17		4	0.88	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	17		0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	17		11	6.93	AD	CS	<input type="checkbox"/>	CS	nitrate		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	15		6	1.13	AD	CS	<input type="checkbox"/>	CS	total phosphorus		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	16		0		AD	FS	<input type="checkbox"/>	FS			

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	46	0.17	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	46	1.89	0		AD	FS	<input type="checkbox"/>	FS			

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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		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	83.86	5		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	56.65	5	2.97	0		LD	NC	<input checked="" type="checkbox"/>	CN	zinc in water	
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CN	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	25		4	2.03	AD	CN	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	25		4	2.03	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	12/01/09 - 11/30/16	126	21	199.27	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	46	36.66	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	46	42.34	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	47	210.58	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	26		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	26		2	5.25	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	32		4	1.02	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	32		7	35.20	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	32		1	2.69	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	28		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	26		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	46	0.17	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	46	1.89	0		AD	FS	<input type="checkbox"/>	FS		

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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		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	7	0		LD	NC	<input type="checkbox"/>	NC				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	7	0		LD	NC	<input type="checkbox"/>	NC				

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	4 219.52	1		LD	CN	<input checked="" type="checkbox"/>	NS	bacteria	5b		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	7	4	1.24	LD	CS	<input type="checkbox"/>	CS	Ammonia in water			
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	7	0		LD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	7	3	7.38	LD	CS	<input type="checkbox"/>	CS	Nitrate in water			
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	7	2	0.99	LD	NC	<input type="checkbox"/>	NC				

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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		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	17	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	17	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	11/17/08 - 11/30/16	126	20	165.16	1	AD	NS	<input type="checkbox"/>	NS	bacteria	5b	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	16	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	17	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	17	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	17	0		AD	NC	<input type="checkbox"/>	NC			

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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 Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	9	0		LD	NC	<input type="checkbox"/>	NC				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	9	0		LD	NC	<input type="checkbox"/>	NC				

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	9	176.15	1	LD	CN	<input checked="" type="checkbox"/>	NS	bacteria		5c	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	8		3	0.42	LD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	9		0		LD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	9		0		LD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	9		0		LD	NC	<input type="checkbox"/>	NC			

2018 Texas Integrated Report - Assessment Results for Basin 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		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	3.60	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	274.51	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	6.13	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	24.17	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	220.23	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	55.05	3		0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	3	1.08	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.10	3	0.05	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	24.59	3	2	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	2.99	3	1.27	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.57	3	0.22	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	16.64	3	2.50	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	3	0.13	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	37.73	3	2	0		ID	NA	<input type="checkbox"/>	NA			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	25		1	2.70	AD	FS	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b	
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	25		11	4.06	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	26	15.03	0		AD	FS	<input type="checkbox"/>	FS			

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	150	88	29.65	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	88	13.17	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	90	135.37	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	25		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	25		2	5.90	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	8		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	24		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	25		0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

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

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	1,2,4,5-Tetrachlorobenzene	12/01/09 - 11/30/16	0.23	5	0.12	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/09 - 11/30/16	600	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/09 - 11/30/16	322	2	2.53	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/09 - 11/30/16	1,039	2	3.03	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	2,4-Dimethylphenol	12/01/09 - 11/30/16	444	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	3,3-Dichlorobenzidine	12/01/09 - 11/30/16	0.79	6	0.40	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Aldrin	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	alpha-BHC	12/01/09 - 11/30/16	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Benzdine	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Benzo(a)anthracene	12/01/09 - 11/30/16	0.02	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	beta-BHC	12/01/09 - 11/30/16	0.15	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Bis(2-chloroethyl)ether	12/01/09 - 11/30/16	0.60	6	0.30	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/09 - 11/30/16	6	6	2.68	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Chlordane	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/01/09 - 11/30/16	2.45	6	1.23	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Cresols	12/01/09 - 11/30/16	1,041	6	28.36	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	DDD	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	DDE	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	DDT	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	4	0.15	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Dieldrin	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Di-n-butyl phthalate	12/01/09 - 11/30/16	88.90	6	10.01	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Endrin	12/01/09 - 11/30/16	0.02	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Heptachlor	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

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

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	Hexachlorobutadiene (HCBd)	12/01/09 - 11/30/16	0.21	3	0.11	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/09 - 11/30/16	1.84	2	0.92	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	11	0.41	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Methoxychlor	12/01/09 - 11/30/16	2.92	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	11	2.50	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/09 - 11/30/16	45.70	6	9.30	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	N-Nitrosodiethylamine	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/09 - 11/30/16	0.12	6	0.06	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	PCBs	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/09 - 11/30/16	0.35	6	0.17	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/09 - 11/30/16	0.22	4	0.11	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/01/09 - 11/30/16	23	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Silvex	12/01/09 - 11/30/16	50	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Toxaphene	12/01/09 - 11/30/16	0.01	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

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

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	1,2,4,5-Tetrachlorobenzene	12/01/09 - 11/30/16	0.23	5	0.12	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	1,2-Dichlorobenzene	12/01/09 - 11/30/16	600	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	1,3-Dichlorobenzene	12/01/09 - 11/30/16	322	2	2.53	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	1,4-Dichlorobenzene	12/01/09 - 11/30/16	75	2	2.53	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	2,4,5-Trichlorophenol	12/01/09 - 11/30/16	1,039	2	3.03	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	2,4-D	12/01/09 - 11/30/16	70	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	2,4-Dimethylphenol	12/01/09 - 11/30/16	444	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	3,3-Dichlorobenzidine	12/01/09 - 11/30/16	0.79	6	0.40	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Aldrin	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	alpha-BHC	12/01/09 - 11/30/16	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Anthracene	12/01/09 - 11/30/16	1,109	6	10.01	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	11	1.09	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Benzidine	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Benzo(a)anthracene	12/01/09 - 11/30/16	0.02	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Benzo(a)pyrene	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	beta-BHC	12/01/09 - 11/30/16	0.15	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Bis(2-chloroethyl)ether	12/01/09 - 11/30/16	0.60	6	0.30	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Bis(2-ethylhexyl)phthalate	12/01/09 - 11/30/16	6	6	2.68	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	11	0.34	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Chlordane	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Chrysene	12/01/09 - 11/30/16	2.45	6	1.23	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cresols	12/01/09 - 11/30/16	1,041	6	28.36	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	DDD	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	DDE	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	DDT	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	4	0.15	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Dieldrin	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Di-n-butyl phthalate	12/01/09 - 11/30/16	88.90	6	10.01	0		LD	NC	<input type="checkbox"/>	NC		

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

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

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	Endrin	12/01/09 - 11/30/16	0.02	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Heptachlor	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Hexachlorobutadiene (HCBd)	12/01/09 - 11/30/16	0.21	3	0.11	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Hexachlorocyclopentadiene	12/01/09 - 11/30/16	10.70	1	5.05	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Hexachloroethane	12/01/09 - 11/30/16	1.84	2	0.92	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	11	0.41	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Methoxychlor	12/01/09 - 11/30/16	2.92	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	11	2.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	81	0.14	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrobenzene	12/01/09 - 11/30/16	45.70	6	9.30	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	N-Nitrosodiethylamine	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	N-Nitroso-di-n-butylamine	12/01/09 - 11/30/16	0.12	6	0.06	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	PCBs	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Pentachlorobenzene	12/01/09 - 11/30/16	0.35	6	0.17	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Pentachlorophenol (PCP)	12/01/09 - 11/30/16	0.22	4	0.11	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Pyridine	12/01/09 - 11/30/16	23	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	11	0.13	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Silvex	12/01/09 - 11/30/16	50	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Toxaphene	12/01/09 - 11/30/16	0.01	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water Toxic Substances average concern	Alachlor	12/01/09 - 11/30/16	2	5	0.14	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water Toxic Substances average concern	Atrazine	12/01/09 - 11/30/16	3	5	0.13	0		LD	NC	<input type="checkbox"/>	NC		

2018 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

2018 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		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/01/09 - 11/30/16	136	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Aldrin	12/01/09 - 11/30/16	3	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	3.86	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chlordane	12/01/09 - 11/30/16	2.40	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chloropyrifos (Dursban)	12/01/09 - 11/30/16	0.08	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	290.86	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	6.55	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	DDT	12/01/09 - 11/30/16	1.10	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Diazinon	12/01/09 - 11/30/16	0.17	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Dicofol (Kelthane)	12/01/09 - 11/30/16	59.30	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Dieldrin	12/01/09 - 11/30/16	0.24	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Endosulfan 1 (alpha)	12/01/09 - 11/30/16	0.22	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Endosulfan 2 (beta)	12/01/09 - 11/30/16	0.22	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Endosulfan sulfate	12/01/09 - 11/30/16	0.22	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Endrin	12/01/09 - 11/30/16	0.09	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	gamma-BHC (Lindane)	12/01/09 - 11/30/16	1.13	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Heptachlor	12/01/09 - 11/30/16	0.52	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	26.14	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	233.79	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Parathion (ethyl)	12/01/09 - 11/30/16	0.07	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	PCBs	12/01/09 - 11/30/16	2	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Pentachlorophenol (PCP)	12/01/09 - 11/30/16	7.89	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Phenanthrene	12/01/09 - 11/30/16	30	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Toxaphene	12/01/09 - 11/30/16	0.78	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	58.45	3		0		ID	NA	<input type="checkbox"/>	NA		

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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		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/01/09 - 11/30/16	64	1	3.03	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	3	1.08	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.10	3	0.05	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chlordane	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chloropyrifos (Dursban)	12/01/09 - 11/30/16	0.04	3	0.02	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	24.59	3	2	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	2.99	3	1.87	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	DDT	12/01/09 - 11/30/16	0.00	2	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Demeton	12/01/09 - 11/30/16	0.10	1	0.05	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Diazinon	12/01/09 - 11/30/16	0.17	3	0.09	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Dicofol (Kelthane)	12/01/09 - 11/30/16	19.80	2	0.55	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Dieldrin	12/01/09 - 11/30/16	0.00	2	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Endosulfan 1 (alpha)	12/01/09 - 11/30/16	0.06	2	0.03	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Endosulfan 2 (beta)	12/01/09 - 11/30/16	0.06	2	0.03	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Endosulfan sulfate	12/01/09 - 11/30/16	0.06	3	0.03	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Endrin	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.08	3	0.03	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Guthion	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Heptachlor	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.57	3	0.50	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Malathion	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Methoxychlor	12/01/09 - 11/30/16	0.03	3	0.02	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Mirex	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	16.64	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Parathion (ethyl)	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	PCBs	12/01/09 - 11/30/16	0.01	2	0.01	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Pentachlorophenol (PCP)	12/01/09 - 11/30/16	4.05	2	2.02	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Phenanthrene	12/01/09 - 11/30/16	30	3	6.68	0		ID	NA	<input type="checkbox"/>	NA		

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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		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	3	0.13	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Toxaphene	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	37.73	3	4.03	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	1		1	4.50	ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	1		0		ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	24		0		SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	24		8	4.13	SM	CS	<input type="checkbox"/>	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	25	28.17	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	150	88	29.65	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	88	13.17	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	90	135.37	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	24		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	24		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	8		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	23		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	23		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	24		0		AD	FS	<input type="checkbox"/>	FS		

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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

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
HH Bioaccumulative Toxics in water	1,2,4,5-Tetrachlorobenzene	12/01/09 - 11/30/16	0.23	5	0.12	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/09 - 11/30/16	600	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/09 - 11/30/16	322	2	2.53	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/09 - 11/30/16	1,039	2	3.03	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	2,4-Dimethylphenol	12/01/09 - 11/30/16	444	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	3,3-Dichlorobenzidine	12/01/09 - 11/30/16	0.79	6	0.40	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Aldrin	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	alpha-BHC	12/01/09 - 11/30/16	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Benzdine	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Benzo(a)anthracene	12/01/09 - 11/30/16	0.02	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	beta-BHC	12/01/09 - 11/30/16	0.15	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Bis(2-chloroethyl)ether	12/01/09 - 11/30/16	0.60	6	0.30	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/09 - 11/30/16	6	6	2.68	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Chlordane	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/01/09 - 11/30/16	2.45	6	1.23	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Cresols	12/01/09 - 11/30/16	1,041	6	28.36	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	DDD	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	DDE	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	DDT	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	4	0.15	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Dieldrin	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Di-n-butyl phthalate	12/01/09 - 11/30/16	88.90	6	10.01	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Endrin	12/01/09 - 11/30/16	0.02	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Heptachlor	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		

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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

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	Hexachlorobutadiene (HCBd)	12/01/09 - 11/30/16	0.21	3	0.11	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/09 - 11/30/16	1.84	2	0.92	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	11	0.41	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Methoxychlor	12/01/09 - 11/30/16	2.92	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	11	2.50	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/09 - 11/30/16	45.70	6	9.30	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	N-Nitrosodiethylamine	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/09 - 11/30/16	0.12	6	0.06	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	PCBs	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/09 - 11/30/16	0.35	6	0.17	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/09 - 11/30/16	0.22	4	0.11	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/01/09 - 11/30/16	23	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Silvex	12/01/09 - 11/30/16	50	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Toxaphene	12/01/09 - 11/30/16	0.01	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		

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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

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	1,2,4,5-Tetrachlorobenzene	12/01/09 - 11/30/16	0.23	5	0.12	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	1,2-Dichlorobenzene	12/01/09 - 11/30/16	600	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	1,3-Dichlorobenzene	12/01/09 - 11/30/16	322	2	2.53	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	1,4-Dichlorobenzene	12/01/09 - 11/30/16	75	2	2.53	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	2,4,5-Trichlorophenol	12/01/09 - 11/30/16	1,039	2	3.03	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	2,4-D	12/01/09 - 11/30/16	70	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	2,4-Dimethylphenol	12/01/09 - 11/30/16	444	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	3,3-Dichlorobenzidine	12/01/09 - 11/30/16	0.79	6	0.40	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Aldrin	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	alpha-BHC	12/01/09 - 11/30/16	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Anthracene	12/01/09 - 11/30/16	1,109	6	10.01	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	11	1.09	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Benzidine	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Benzo(a)anthracene	12/01/09 - 11/30/16	0.02	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Benzo(a)pyrene	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	beta-BHC	12/01/09 - 11/30/16	0.15	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Bis(2-chloroethyl)ether	12/01/09 - 11/30/16	0.60	6	0.30	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Bis(2-ethylhexyl)phthalate	12/01/09 - 11/30/16	6	6	2.68	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	11	0.34	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Chlordane	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Chrysene	12/01/09 - 11/30/16	2.45	6	1.23	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cresols	12/01/09 - 11/30/16	1,041	6	28.36	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	DDD	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	DDE	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	DDT	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	4	0.15	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Dieldrin	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Di-n-butyl phthalate	12/01/09 - 11/30/16	88.90	6	10.01	0		LD	NC	<input type="checkbox"/>	NC		

2018 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

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	Endrin	12/01/09 - 11/30/16	0.02	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Heptachlor	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Hexachlorobutadiene (HCBd)	12/01/09 - 11/30/16	0.21	3	0.11	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Hexachlorocyclopentadiene	12/01/09 - 11/30/16	10.70	1	5.05	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Hexachloroethane	12/01/09 - 11/30/16	1.84	2	0.92	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	11	0.41	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Methoxychlor	12/01/09 - 11/30/16	2.92	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	11	2.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	81	0.14	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrobenzene	12/01/09 - 11/30/16	45.70	6	9.30	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	N-Nitrosodiethylamine	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	N-Nitroso-di-n-butylamine	12/01/09 - 11/30/16	0.12	6	0.06	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	PCBs	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Pentachlorobenzene	12/01/09 - 11/30/16	0.35	6	0.17	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Pentachlorophenol (PCP)	12/01/09 - 11/30/16	0.22	4	0.11	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Pyridine	12/01/09 - 11/30/16	23	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	11	0.13	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Silvex	12/01/09 - 11/30/16	50	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Toxaphene	12/01/09 - 11/30/16	0.01	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water Toxic Substances average concern	Alachlor	12/01/09 - 11/30/16	2	5	0.14	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water Toxic Substances average concern	Atrazine	12/01/09 - 11/30/16	3	5	0.13	0		LD	NC	<input type="checkbox"/>	NC		

2018 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)

2018 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		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/01/09 - 11/30/16	136	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Aldrin	12/01/09 - 11/30/16	3	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	3.78	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chlordane	12/01/09 - 11/30/16	2.40	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chloropyrifos (Dursban)	12/01/09 - 11/30/16	0.08	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	285.43	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	6.41	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	DDT	12/01/09 - 11/30/16	1.10	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Diazinon	12/01/09 - 11/30/16	0.17	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Dicofol (Kelthane)	12/01/09 - 11/30/16	59.30	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Dieldrin	12/01/09 - 11/30/16	0.24	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Endosulfan 1 (alpha)	12/01/09 - 11/30/16	0.22	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Endosulfan 2 (beta)	12/01/09 - 11/30/16	0.22	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Endosulfan sulfate	12/01/09 - 11/30/16	0.22	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Endrin	12/01/09 - 11/30/16	0.09	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	gamma-BHC (Lindane)	12/01/09 - 11/30/16	1.13	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Heptachlor	12/01/09 - 11/30/16	0.52	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	25.48	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	229.29	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Parathion (ethyl)	12/01/09 - 11/30/16	0.07	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	PCBs	12/01/09 - 11/30/16	2	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Pentachlorophenol (PCP)	12/01/09 - 11/30/16	7.13	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Phenanthrene	12/01/09 - 11/30/16	30	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Toxaphene	12/01/09 - 11/30/16	0.78	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	57.32	3		0		ID	NA	<input type="checkbox"/>	NA		

2018 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		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/01/09 - 11/30/16	64	1	3.03	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	3	1.08	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.10	3	0.05	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chlordane	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chloropyrifos (Dursban)	12/01/09 - 11/30/16	0.04	3	0.02	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	24.59	3	2	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	2.99	3	1.76	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	DDT	12/01/09 - 11/30/16	0.00	2	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Demeton	12/01/09 - 11/30/16	0.10	1	0.05	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Diazinon	12/01/09 - 11/30/16	0.17	3	0.09	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Dicofol (Kelthane)	12/01/09 - 11/30/16	19.80	2	0.54	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Dieldrin	12/01/09 - 11/30/16	0.00	2	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Endosulfan 1 (alpha)	12/01/09 - 11/30/16	0.06	2	0.03	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Endosulfan 2 (beta)	12/01/09 - 11/30/16	0.06	2	0.03	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Endosulfan sulfate	12/01/09 - 11/30/16	0.06	3	0.03	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Endrin	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.08	3	0.03	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Guthion	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Heptachlor	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.57	3	0.23	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Malathion	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Methoxychlor	12/01/09 - 11/30/16	0.03	3	0.02	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Mirex	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	16.64	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Parathion (ethyl)	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	PCBs	12/01/09 - 11/30/16	0.01	2	0.01	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Pentachlorophenol (PCP)	12/01/09 - 11/30/16	4.05	2	2.02	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Phenanthrene	12/01/09 - 11/30/16	30	3	6.68	0		ID	NA	<input type="checkbox"/>	NA		

2018 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		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	3	0.13	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Toxaphene	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	37.73	3	2.86	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	1		0		ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	1		0		SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	20		2	2.80	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	20		5	3.82	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	12/01/09 - 11/30/16	126	24	77.43	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	150	88	29.65	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	88	13.17	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	90	135.37	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	20		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	20		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	23		2	1.61	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	7		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	22		1	3.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	22		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	20		0		AD	FS	<input type="checkbox"/>	FS		

2018 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)

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	1,2,4,5-Tetrachlorobenzene	12/01/09 - 11/30/16	0.23	5	0.12	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/09 - 11/30/16	600	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/09 - 11/30/16	322	2	2.53	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/09 - 11/30/16	1,039	2	3.03	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	2,4-Dimethylphenol	12/01/09 - 11/30/16	444	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	3,3-Dichlorobenzidine	12/01/09 - 11/30/16	0.79	6	0.40	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Aldrin	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	alpha-BHC	12/01/09 - 11/30/16	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Benzdine	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Benzo(a)anthracene	12/01/09 - 11/30/16	0.02	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	beta-BHC	12/01/09 - 11/30/16	0.15	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Bis(2-chloroethyl)ether	12/01/09 - 11/30/16	0.60	6	0.30	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/09 - 11/30/16	6	6	2.68	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Chlordane	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/01/09 - 11/30/16	2.45	6	1.23	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Cresols	12/01/09 - 11/30/16	1,041	6	28.36	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	DDD	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	DDE	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	DDT	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	4	0.15	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Dieldrin	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Di-n-butyl phthalate	12/01/09 - 11/30/16	88.90	6	10.01	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Endrin	12/01/09 - 11/30/16	0.02	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Heptachlor	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		

2018 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)

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	Hexachlorobutadiene (HCBd)	12/01/09 - 11/30/16	0.21	3	0.11	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/09 - 11/30/16	1.84	2	0.92	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	11	0.41	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Methoxychlor	12/01/09 - 11/30/16	2.92	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	11	2.50	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/09 - 11/30/16	45.70	6	9.30	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	N-Nitrosodiethylamine	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/09 - 11/30/16	0.12	6	0.06	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	PCBs	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/09 - 11/30/16	0.35	6	0.17	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/09 - 11/30/16	0.22	4	0.11	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/01/09 - 11/30/16	23	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Silvex	12/01/09 - 11/30/16	50	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Toxaphene	12/01/09 - 11/30/16	0.01	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		

2018 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)

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	1,2,4,5-Tetrachlorobenzene	12/01/09 - 11/30/16	0.23	5	0.12	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	1,2-Dichlorobenzene	12/01/09 - 11/30/16	600	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	1,3-Dichlorobenzene	12/01/09 - 11/30/16	322	2	2.53	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	1,4-Dichlorobenzene	12/01/09 - 11/30/16	75	2	2.53	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	2,4,5-Trichlorophenol	12/01/09 - 11/30/16	1,039	2	3.03	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	2,4-D	12/01/09 - 11/30/16	70	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	2,4-Dimethylphenol	12/01/09 - 11/30/16	444	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	3,3-Dichlorobenzidine	12/01/09 - 11/30/16	0.79	6	0.40	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Aldrin	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	alpha-BHC	12/01/09 - 11/30/16	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Anthracene	12/01/09 - 11/30/16	1,109	6	10.01	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	11	1.09	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Benzidine	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Benzo(a)anthracene	12/01/09 - 11/30/16	0.02	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Benzo(a)pyrene	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	beta-BHC	12/01/09 - 11/30/16	0.15	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Bis(2-chloroethyl)ether	12/01/09 - 11/30/16	0.60	6	0.30	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Bis(2-ethylhexyl)phthalate	12/01/09 - 11/30/16	6	6	2.68	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	11	0.34	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Chlordane	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Chrysene	12/01/09 - 11/30/16	2.45	6	1.23	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cresols	12/01/09 - 11/30/16	1,041	6	28.36	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	DDD	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	DDE	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	DDT	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	4	0.15	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Dieldrin	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Di-n-butyl phthalate	12/01/09 - 11/30/16	88.90	6	10.01	0		LD	NC	<input type="checkbox"/>	NC		

2018 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)

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	Endrin	12/01/09 - 11/30/16	0.02	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Heptachlor	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Hexachlorobutadiene (HCBd)	12/01/09 - 11/30/16	0.21	3	0.11	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Hexachlorocyclopentadiene	12/01/09 - 11/30/16	10.70	1	5.05	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Hexachloroethane	12/01/09 - 11/30/16	1.84	2	0.92	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	11	0.41	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Methoxychlor	12/01/09 - 11/30/16	2.92	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	11	2.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	81	0.14	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrobenzene	12/01/09 - 11/30/16	45.70	6	9.30	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	N-Nitrosodiethylamine	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	N-Nitroso-di-n-butylamine	12/01/09 - 11/30/16	0.12	6	0.06	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	PCBs	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Pentachlorobenzene	12/01/09 - 11/30/16	0.35	6	0.17	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Pentachlorophenol (PCP)	12/01/09 - 11/30/16	0.22	4	0.11	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Pyridine	12/01/09 - 11/30/16	23	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	11	0.13	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Silvex	12/01/09 - 11/30/16	50	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Toxaphene	12/01/09 - 11/30/16	0.01	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water Toxic Substances average concern	Alachlor	12/01/09 - 11/30/16	2	5	0.14	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water Toxic Substances average concern	Atrazine	12/01/09 - 11/30/16	3	5	0.13	0		LD	NC	<input type="checkbox"/>	NC		

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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		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	5.14	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	369.85	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	8.64	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	36.20	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	299.64	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	74.94	2		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	2	1.13	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.10	2	0.05	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	24.59	2	2	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	2.99	2	1.86	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.57	2	0.21	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	16.64	2	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	2	0.13	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	37.73	2	7.08	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	12		2	2.40	SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	12		8	3.36	SM	CS	<input type="checkbox"/>	NA		

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	03/28/07 - 11/30/16	126	20	112.97	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	150	88	29.65	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	88	13.17	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	90	135.37	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	12		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	12		1	5.60	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	22		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	7		1	22.10	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	21		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	21		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	12		0		AD	FS	<input type="checkbox"/>	FS		

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AUID: 0607_04

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

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	1,2,4,5-Tetrachlorobenzene	12/01/09 - 11/30/16	0.23	5	0.12	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/09 - 11/30/16	600	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/09 - 11/30/16	322	2	2.53	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/09 - 11/30/16	1,039	2	3.03	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	2,4-Dimethylphenol	12/01/09 - 11/30/16	444	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	3,3-Dichlorobenzidine	12/01/09 - 11/30/16	0.79	6	0.40	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Aldrin	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	alpha-BHC	12/01/09 - 11/30/16	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Benzdine	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Benzo(a)anthracene	12/01/09 - 11/30/16	0.02	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	beta-BHC	12/01/09 - 11/30/16	0.15	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Bis(2-chloroethyl)ether	12/01/09 - 11/30/16	0.60	6	0.30	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/09 - 11/30/16	6	6	2.68	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Chlordane	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/01/09 - 11/30/16	2.45	6	1.23	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Cresols	12/01/09 - 11/30/16	1,041	6	28.36	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	DDD	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	DDE	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	DDT	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	4	0.15	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Dieldrin	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Di-n-butyl phthalate	12/01/09 - 11/30/16	88.90	6	10.01	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Endrin	12/01/09 - 11/30/16	0.02	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Heptachlor	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		

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AUID: 0607_04

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

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	Hexachlorobutadiene (HCBd)	12/01/09 - 11/30/16	0.21	3	0.11	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/09 - 11/30/16	1.84	2	0.92	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	11	0.41	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Methoxychlor	12/01/09 - 11/30/16	2.92	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	11	2.50	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/09 - 11/30/16	45.70	6	9.30	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	N-Nitrosodiethylamine	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/09 - 11/30/16	0.12	6	0.06	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	PCBs	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/09 - 11/30/16	0.35	6	0.17	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/09 - 11/30/16	0.22	4	0.11	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/01/09 - 11/30/16	23	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Silvex	12/01/09 - 11/30/16	50	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Toxaphene	12/01/09 - 11/30/16	0.01	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		

2018 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

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	1,2,4,5-Tetrachlorobenzene	12/01/09 - 11/30/16	0.23	5	0.12	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	1,2-Dichlorobenzene	12/01/09 - 11/30/16	600	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	1,3-Dichlorobenzene	12/01/09 - 11/30/16	322	2	2.53	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	1,4-Dichlorobenzene	12/01/09 - 11/30/16	75	2	2.53	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	2,4,5-Trichlorophenol	12/01/09 - 11/30/16	1,039	2	3.03	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	2,4-D	12/01/09 - 11/30/16	70	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	2,4-Dimethylphenol	12/01/09 - 11/30/16	444	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	3,3-Dichlorobenzidine	12/01/09 - 11/30/16	0.79	6	0.40	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Aldrin	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	alpha-BHC	12/01/09 - 11/30/16	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Anthracene	12/01/09 - 11/30/16	1,109	6	10.01	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	11	1.09	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Benzidine	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Benzo(a)anthracene	12/01/09 - 11/30/16	0.02	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Benzo(a)pyrene	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	beta-BHC	12/01/09 - 11/30/16	0.15	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Bis(2-chloroethyl)ether	12/01/09 - 11/30/16	0.60	6	0.30	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Bis(2-ethylhexyl)phthalate	12/01/09 - 11/30/16	6	6	2.68	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	11	0.34	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Chlordane	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Chrysene	12/01/09 - 11/30/16	2.45	6	1.23	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cresols	12/01/09 - 11/30/16	1,041	6	28.36	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	DDD	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	DDE	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	DDT	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	4	0.15	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Dieldrin	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Di-n-butyl phthalate	12/01/09 - 11/30/16	88.90	6	10.01	0		LD	NC	<input type="checkbox"/>	NC		

2018 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

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	Endrin	12/01/09 - 11/30/16	0.02	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Heptachlor	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Hexachlorobutadiene (HCBd)	12/01/09 - 11/30/16	0.21	3	0.11	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Hexachlorocyclopentadiene	12/01/09 - 11/30/16	10.70	1	5.05	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Hexachloroethane	12/01/09 - 11/30/16	1.84	2	0.92	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	11	0.41	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Methoxychlor	12/01/09 - 11/30/16	2.92	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	11	2.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	81	0.14	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrobenzene	12/01/09 - 11/30/16	45.70	6	9.30	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	N-Nitrosodiethylamine	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	N-Nitroso-di-n-butylamine	12/01/09 - 11/30/16	0.12	6	0.06	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	PCBs	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Pentachlorobenzene	12/01/09 - 11/30/16	0.35	6	0.17	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Pentachlorophenol (PCP)	12/01/09 - 11/30/16	0.22	4	0.11	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Pyridine	12/01/09 - 11/30/16	23	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	11	0.13	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Silvex	12/01/09 - 11/30/16	50	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Toxaphene	12/01/09 - 11/30/16	0.01	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water Toxic Substances average concern	Alachlor	12/01/09 - 11/30/16	2	5	0.14	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water Toxic Substances average concern	Atrazine	12/01/09 - 11/30/16	3	5	0.13	0		LD	NC	<input type="checkbox"/>	NC		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/09 - 11/30/16	150	88	29.65	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	88	13.17	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	90	135.37	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

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	1,2,4,5-Tetrachlorobenzene	12/01/09 - 11/30/16	0.23	5	0.12	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/09 - 11/30/16	600	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/09 - 11/30/16	322	2	2.53	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/09 - 11/30/16	1,039	2	3.03	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	2,4-Dimethylphenol	12/01/09 - 11/30/16	444	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	3,3-Dichlorobenzidine	12/01/09 - 11/30/16	0.79	6	0.40	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Aldrin	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	alpha-BHC	12/01/09 - 11/30/16	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Benzdine	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Benzo(a)anthracene	12/01/09 - 11/30/16	0.02	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	beta-BHC	12/01/09 - 11/30/16	0.15	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Bis(2-chloroethyl)ether	12/01/09 - 11/30/16	0.60	6	0.30	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/09 - 11/30/16	6	6	2.68	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Chlordane	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/01/09 - 11/30/16	2.45	6	1.23	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Cresols	12/01/09 - 11/30/16	1,041	6	28.36	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	DDD	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	DDE	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	DDT	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	4	0.15	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Dieldrin	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Di-n-butyl phthalate	12/01/09 - 11/30/16	88.90	6	10.01	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Endrin	12/01/09 - 11/30/16	0.02	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Heptachlor	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		

2018 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

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	Hexachlorobutadiene (HCBd)	12/01/09 - 11/30/16	0.21	3	0.11	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/09 - 11/30/16	1.84	2	0.92	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	11	0.41	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Methoxychlor	12/01/09 - 11/30/16	2.92	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	11	2.50	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/09 - 11/30/16	45.70	6	9.30	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	N-Nitrosodiethylamine	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/09 - 11/30/16	0.12	6	0.06	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	PCBs	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/09 - 11/30/16	0.35	6	0.17	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/09 - 11/30/16	0.22	4	0.11	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/01/09 - 11/30/16	23	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Silvex	12/01/09 - 11/30/16	50	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Toxaphene	12/01/09 - 11/30/16	0.01	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		

2018 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

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	1,2,4,5-Tetrachlorobenzene	12/01/09 - 11/30/16	0.23	5	0.12	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	1,2-Dichlorobenzene	12/01/09 - 11/30/16	600	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	1,3-Dichlorobenzene	12/01/09 - 11/30/16	322	2	2.53	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	1,4-Dichlorobenzene	12/01/09 - 11/30/16	75	2	2.53	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	2,4,5-Trichlorophenol	12/01/09 - 11/30/16	1,039	2	3.03	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	2,4-D	12/01/09 - 11/30/16	70	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	2,4-Dimethylphenol	12/01/09 - 11/30/16	444	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	3,3-Dichlorobenzidine	12/01/09 - 11/30/16	0.79	6	0.40	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Aldrin	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	alpha-BHC	12/01/09 - 11/30/16	0.01	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Anthracene	12/01/09 - 11/30/16	1,109	6	10.01	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	11	1.09	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Benzidine	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Benzo(a)anthracene	12/01/09 - 11/30/16	0.02	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Benzo(a)pyrene	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	beta-BHC	12/01/09 - 11/30/16	0.15	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Bis(2-chloroethyl)ether	12/01/09 - 11/30/16	0.60	6	0.30	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Bis(2-ethylhexyl)phthalate	12/01/09 - 11/30/16	6	6	2.68	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	11	0.34	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Chlordane	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Chrysene	12/01/09 - 11/30/16	2.45	6	1.23	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cresols	12/01/09 - 11/30/16	1,041	6	28.36	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	DDD	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	DDE	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	DDT	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	4	0.15	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Dieldrin	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Di-n-butyl phthalate	12/01/09 - 11/30/16	88.90	6	10.01	0		LD	NC	<input type="checkbox"/>	NC		

2018 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

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	Endrin	12/01/09 - 11/30/16	0.02	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Heptachlor	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Hexachlorobutadiene (HCBd)	12/01/09 - 11/30/16	0.21	3	0.11	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Hexachlorocyclopentadiene	12/01/09 - 11/30/16	10.70	1	5.05	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Hexachloroethane	12/01/09 - 11/30/16	1.84	2	0.92	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	11	0.41	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Methoxychlor	12/01/09 - 11/30/16	2.92	6	0.03	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	11	2.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	81	0.14	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrobenzene	12/01/09 - 11/30/16	45.70	6	9.30	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	N-Nitrosodiethylamine	12/01/09 - 11/30/16	0.00	6	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	N-Nitroso-di-n-butylamine	12/01/09 - 11/30/16	0.12	6	0.06	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	PCBs	12/01/09 - 11/30/16	0.00	4	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Pentachlorobenzene	12/01/09 - 11/30/16	0.35	6	0.17	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Pentachlorophenol (PCP)	12/01/09 - 11/30/16	0.22	4	0.11	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Pyridine	12/01/09 - 11/30/16	23	4	2.52	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	11	0.13	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Silvex	12/01/09 - 11/30/16	50	6	0.25	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Toxaphene	12/01/09 - 11/30/16	0.01	6	0.01	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water Toxic Substances average concern	Alachlor	12/01/09 - 11/30/16	2	5	0.14	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water Toxic Substances average concern	Atrazine	12/01/09 - 11/30/16	3	5	0.13	0		LD	NC	<input type="checkbox"/>	NC		

2018 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	12/01/09 - 11/30/16	5			ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3			ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	7	0	SM	NC	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	7	2 4.80	SM	CS	<input type="checkbox"/>	NA		
Habitat	Habitat	12/01/09 - 11/30/16	20			ID	NA	<input checked="" type="checkbox"/>	CS	impaired habitat	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	8 287.91	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	12/01/09 - 11/30/16	0.33	13	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	13	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	15	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	14	0	AD	NC	<input type="checkbox"/>	NC		

2018 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			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	3.00	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	235.49	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	5.14	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	19.61	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	187.97	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	46.98	3		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	3	1.08	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.10	3	0.05	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	24.59	3	2	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	2.99	3	1.11	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.57	3	0.27	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	16.64	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	3	0.13	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	37.73	3	4.60	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	1		0		ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	2		0		ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	05/27/09 - 11/30/16	3	10		0		SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	05/27/09 - 11/30/16	5	10		3	3.90	SM	CS	<input type="checkbox"/>	NA		

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	12/18/06 - 11/30/16	126	20	99.46	0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	23		1	0.35	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	7		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	22		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	22		0		AD	NC	<input type="checkbox"/>	NC		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	3	0.41	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		

2018 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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	3		1	2.60	ID	NA	<input checked="" type="checkbox"/>	CN	depressed dissolved oxygen	
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	3		1	2.60	ID	NA	<input checked="" type="checkbox"/>	CS	depressed dissolved oxygen	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	5	145.21	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	12/01/09 - 11/30/16	0.33	13		1	0.35	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	6		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	12		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	12		0		AD	NC	<input type="checkbox"/>	NC		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	3	0.41	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		

2018 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			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	4.80	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	349.18	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	8.09	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	33.49	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	282.37	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	70.61	3		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	3	1.08	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.10	3	0.05	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	24.59	3	2	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	2.99	3	1.81	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.57	3	0.21	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	16.64	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	3	0.13	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	37.73	3	2	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	13		0		SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	13		5	4.12	SM	CS	<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			
Bacteria Geomean	E. coli	01/04/08 - 11/30/16	126	20	117.23	0		AD	FS	<input type="checkbox"/>	FS		

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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 :

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		Cat
				#	Value	#	Value	Qual	LOS	CF	LOS	TCEQ Cause	
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	23		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	7		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	22		1	6.90	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	22		0		AD	NC	<input type="checkbox"/>	NC		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		Cat
				#	Value	#	Value	Qual	LOS	CF	LOS	TCEQ Cause	
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	3	0.36	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		

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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		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	1.62	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	139.97	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	2.82	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	9.59	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	2		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	109.83	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	27.42	3		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	3	1.08	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.06	3	0.03	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	14.81	3	2	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	1.76	3	0.64	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.28	3	0.12	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	2	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	9.86	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	3	0.13	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	22.33	3	2.78	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	42		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	42		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	41	36.22	0		AD	FS	<input type="checkbox"/>	FS		

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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	150	80	13.10	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	80	2.88	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	82	58.53	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8	43		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	5.50	43		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	39		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	32		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	40		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	36		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	43		2	32.30	AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bioaccumulative Toxics in fish tissue	Mercury	12/01/09 - 11/30/16	0.53					ID	NA	<input checked="" type="checkbox"/>	CS	mercury in fish tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in fish tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	6	0.38	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	2	0.00	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	6	2.50	0		LD	NC	<input type="checkbox"/>	NC		

2018 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 LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	6	1.08	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	6	0.35	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	6	0.38	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	2	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	6	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	76	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	6	0.13	0		LD	NC	<input type="checkbox"/>	NC		

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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		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	1.79	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	152.49	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.12	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	10.79	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	119.99	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	29.97	3		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	3	1.08	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.06	3	0.03	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	14.81	3	2	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	1.76	3	0.66	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.28	3	0.15	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	9.86	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	3	0.13	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	22.33	3	2.73	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	17		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	17		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	25	53.88	0		AD	FS	<input type="checkbox"/>	FS		

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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	150	80	13.10	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	80	2.88	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	82	58.53	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8	18		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	5.50	18		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	23		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	7		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	23		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	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	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	mercury in fish tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in fish tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	6	0.38	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	2	0.00	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	6	2.50	0		LD	NC	<input type="checkbox"/>	NC		

2018 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 LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	6	1.08	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	6	0.35	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	6	0.38	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	2	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	6	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	76	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	6	0.13	0		LD	NC	<input type="checkbox"/>	NC		

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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	12/01/09 - 11/30/16	3	13		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	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	07/31/08 - 11/30/16	126	20	88.35	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	150	80	13.10	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	80	2.88	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	82	58.53	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8	14		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	5.50	14		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	12		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	6		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	12		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	12		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	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
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in fish tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	6	0.38	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	2	0.00	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	6	2.50	0		LD	NC	<input type="checkbox"/>	NC		

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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 LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	6	1.08	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	6	0.35	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	6	0.38	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	2	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	6	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	76	0.06	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	6	0.13	0		LD	NC	<input type="checkbox"/>	NC		

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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			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	1.07	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	98.81	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	1.89	3		0		ID	NA	<input checked="" type="checkbox"/>	NS	copper in water	5c	
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	5.91	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	76.65	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	19.13	3		0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	3	1.08	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.06	3	0.03	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	14.81	3	2	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	1.76	3	0.60	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.28	3	0.31	1		ID	NA	<input checked="" type="checkbox"/>	PI			
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	9.86	3	2.50	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	3	0.13	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	22.33	3	5.40	0		ID	NA	<input type="checkbox"/>	NA			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	14		0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	14		2	4.10	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	05/01/07 - 11/30/16	126	20	142.52	1		AD	CN	<input type="checkbox"/>	CN	Bacteria in water		

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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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	16		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	6		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	17		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	16		0		AD	NC	<input type="checkbox"/>	NC		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	3	0.55	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		

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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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	6		1	2.20	LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	6		1	2.20	LD	NC	<input type="checkbox"/>	NC		
Habitat	Habitat	12/01/09 - 11/30/16	20					ID	NA	<input checked="" type="checkbox"/>	CS	impaired habitat	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	6	135.21	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	12/01/09 - 11/30/16	0.33	7		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	1		0		ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	7		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	7		0		LD	NC	<input type="checkbox"/>	NC		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	3	0.55	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		

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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 Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	18	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	18	2	3.85	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	06/24/09 - 11/30/16	126	20	54.25	0	AD	FS	<input type="checkbox"/>	FS				

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	16	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	6	0		LD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	17	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	16	0		AD	NC	<input type="checkbox"/>	NC				

2018 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	12/01/09 - 11/30/16	3	25		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	25		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	12/01/09 - 11/30/16	126	24	109.49	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	8		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	24		0		AD	NC	<input type="checkbox"/>	NC		

2018 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		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	2		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	2		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	2.40	2		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	194.98	2		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	4.14	2		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	15.14	2		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	154.67	2		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	2		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	38.64	2		0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	2	1	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.06	2	0.03	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	14.81	2	2	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	1.76	2	1.90	1		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.28	2	0.57	1		ID	NA	<input checked="" type="checkbox"/>	PI			
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	9.86	2	2.50	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	2	0.13	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	22.33	2	13.28	0		ID	NA	<input type="checkbox"/>	NA			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	13		1	2.60	SM	FS	<input type="checkbox"/>	NA			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	13		5	3.92	SM	CS	<input type="checkbox"/>	NA			
Habitat	Habitat	12/01/09 - 11/30/16	20					ID	NA	<input checked="" type="checkbox"/>	CS	impaired habitat		

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

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

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	12	158.86	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	12/01/09 - 11/30/16	0.33	21		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	7		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	23		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	22		0		AD	NC	<input type="checkbox"/>	NC		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	2	0.75	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	2	2.50	0		ID	NA	<input type="checkbox"/>	NA		

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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		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	1.26	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	113.86	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	2.23	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	7.20	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	88.73	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	3		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	22.15	3		0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	3	1.08	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.06	3	0.03	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	14.81	3	2	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	1.76	3	0.56	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.28	3	0.14	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	9.86	3	2.50	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	3	0.13	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	22.33	3	2	0		ID	NA	<input type="checkbox"/>	NA			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	26		0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	26		1	4.40	AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	26	78.39	0		AD	FS	<input type="checkbox"/>	FS			

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

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 (

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		Cat
				#	Value	#	Value	Qual	LOS	CF	LOS	TCEQ Cause	
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	22		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	8		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	23		0		AD	NC	<input type="checkbox"/>	NC		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		Cat
				#	Value	#	Value	Qual	LOS	CF	LOS	TCEQ Cause	
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	3	0.38	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		

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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			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	2					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	1.50					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c	

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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	LOS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	24		0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	24		0	AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	25	72.07	0	AD	FS	<input type="checkbox"/>	FS			

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	23		0	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	7		0	LD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	24		0	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	23		0	AD	NC	<input type="checkbox"/>	NC			

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	3	0.34	0	ID	NA	<input type="checkbox"/>	NA			
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	3	2.50	0	ID	NA	<input type="checkbox"/>	NA			

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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			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	3.35	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	257.95	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	5.71	3		1	5.20	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	22.20	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	206.52	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	51.62	3		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	3	1.08	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.06	3	0.03	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	14.81	3	2	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	1.76	3	2.08	1		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.28	3	0.10	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	9.86	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	3	0.13	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	22.33	3	2	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	25		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	25		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	25	98.96	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	23		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	7		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	23		1	0.86	AD	NC	<input type="checkbox"/>	NC		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	3	0.34	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		

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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	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in fish tissue	5c	

2018 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		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	26	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	26	0		AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	25	8.02	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	70	26	12.80	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	26	22.74	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	250	26	89.99	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	26		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	8		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	23		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	24		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	25		0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use

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

2018 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	12/01/09 - 11/30/16	10	23	0.04	0		AD	FS	<input type="checkbox"/>	FS			

2018 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

2018 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)	12/01/09 - 11/30/16	991	10		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	10		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	2.73	10		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	217.68	10		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	4.69	10		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	17.61	10		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	10		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	173.31	10		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	10		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	43.31	10		0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	10	1.20	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.10	10	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	25.36	10	2	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.09	10	0.39	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.59	10	0.08	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	10	0.00	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	17.18	10	2.50	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	10	0.15	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	38.96	10	2	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	29		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	29		1	4.73	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	64		3	40.43	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	64		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	64		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	64		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	64		26	51,096.15	AD	CS	<input type="checkbox"/>	CS	iron in sediment	
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	62		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	64		30	1,436.67	AD	CS	<input type="checkbox"/>	CS	manganese in sediment	

2018 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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	54		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	64		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	64		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	64		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	28	1.25	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	282	14.34	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	282	23.01	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	282	104.29	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	30		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	30		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	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	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	dioxin in fish tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in fish tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	27	0.10	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	27	0.00	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	27	2.93	0		AD	FS	<input type="checkbox"/>	FS		

2018 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

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	27	1.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	140	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	27	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	27	0.00	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	27	2.93	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	275	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	27	0.16	0		AD	FS	<input type="checkbox"/>	FS		

2018 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 LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	26	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	26	1	4.70	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	64	3	40.43	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	64	26	51,096.15	AD	CS	<input type="checkbox"/>	CS	iron in sediment		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	62	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	64	30	1,436.67	AD	CS	<input type="checkbox"/>	CS	manganese in sediment		
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	54	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	64	0		AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	26	0.50	0	AD	FS	<input type="checkbox"/>	FS			

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	282	14.34	0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	282	23.01	0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	282	104.29	0	AD	FS	<input type="checkbox"/>	FS			
High pH	pH	12/01/09 - 11/30/16	8.50	26		0	AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/09 - 11/30/16	6	26		0	AD	FS	<input type="checkbox"/>	FS			
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16					AD	FS	<input type="checkbox"/>	FS			
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	26		0	AD	FS	<input type="checkbox"/>	FS			

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

AUID: 0610_02 Sam Rayburn lower Angelina River arm

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bioaccumulative Toxics in fish tissue	Mercury	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	dioxin in fish tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in fish tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	27	0.10	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	27	0.00	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	27	2.93	0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	27	1.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	140	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	27	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	27	0.00	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	27	2.93	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	275	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	27	0.16	0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

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

2018 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			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	2.86	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	225.96	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	4.90	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	18.53	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	180.12	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	7		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	45.01	7		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	7	1.25	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.10	7	0.05	0		LD	NC	<input checked="" type="checkbox"/>	PI		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	25.36	7	2	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.09	7	0.33	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.59	7	0.03	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	7	0.00	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	17.18	7	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	7	0.16	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	38.96	7	2	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	27		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	27		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	64		3	40.43	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	64		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	64		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	64		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	64		26	51,096.15	AD	CS	<input type="checkbox"/>	CS	iron in sediment	
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	62		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	64		30	1,436.67	AD	CS	<input type="checkbox"/>	CS	manganese in sediment	

2018 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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	54		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	64		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	64		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	64		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	27	1.36	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	282	14.34	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	282	23.01	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	282	104.29	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	28		3	8.78	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	28		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	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	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in fish tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	dioxin in fish tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	27	0.10	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	27	0.00	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	27	2.93	0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

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

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	27	1.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	140	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	27	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	27	0.00	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	27	2.93	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	275	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	27	0.16	0		AD	FS	<input type="checkbox"/>	FS		

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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 LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	26	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	26	1	4.60	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	64	3	40.43	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	64	26	51,096.15	AD	CS	<input type="checkbox"/>	CS	iron in sediment		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	62	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	64	30	1,436.67	AD	CS	<input type="checkbox"/>	CS	manganese in sediment		
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	54	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	64	0		AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	26	0.76	0	AD	FS	<input type="checkbox"/>	FS			

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	282	14.34	0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	282	23.01	0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	282	104.29	0	AD	FS	<input type="checkbox"/>	FS			
High pH	pH	12/01/09 - 11/30/16	8.50	26		3	9.03	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	18		0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

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

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bioaccumulative Toxics in fish tissue	Mercury	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	dioxin in fish tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in fish tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	27	0.10	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	27	0.00	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	27	2.93	0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	27	1.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	140	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	27	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	27	0.00	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	27	2.93	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	275	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	27	0.16	0		AD	FS	<input type="checkbox"/>	FS		

2018 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 Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	23	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	23	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	64	3	40.43	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	64	26	51,096.15	AD	CS	<input type="checkbox"/>	CS	iron in sediment		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	62	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	64	30	1,436.67	AD	CS	<input type="checkbox"/>	CS	manganese in sediment		
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	54	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	64	0		AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	23	0.77	0	AD	FS	<input type="checkbox"/>	FS			

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	282	14.34	0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	282	23.01	0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	282	104.29	0	AD	FS	<input type="checkbox"/>	FS			
High pH	pH	12/01/09 - 11/30/16	8.50	23		1	AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/09 - 11/30/16	6	23		0	AD	FS	<input type="checkbox"/>	FS			
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16					AD	FS	<input type="checkbox"/>	FS			
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	15		0	AD	FS	<input type="checkbox"/>	FS			

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

AUID: 0610_05 Sam Rayburn lower Attoyac Bayou arm

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bioaccumulative Toxics in fish tissue	Mercury	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	dioxin in fish tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in fish tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	27	0.10	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	27	0.00	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	27	2.93	0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	27	1.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	140	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	27	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	27	0.00	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	27	2.93	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	275	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	27	0.16	0		AD	FS	<input type="checkbox"/>	FS		

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AUID: 0610_06 Sam Rayburn upper Attoyac Bayou 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	12/01/09 - 11/30/16	3	28	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	28	3	4.48	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	64	3	40.43	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	64	26	51,096.15	AD	CS	<input type="checkbox"/>	CS	iron in sediment		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	62	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	64	30	1,436.67	AD	CS	<input type="checkbox"/>	CS	manganese in sediment		
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	54	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	64	0		AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	25	26.12	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	282	14.34	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	282	23.01	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	282	104.29	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	28		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	28		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	28		0		AD	FS	<input type="checkbox"/>	FS		

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AUID: 0610_06 Sam Rayburn upper Attoyac Bayou arm

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bioaccumulative Toxics in fish tissue	Mercury	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	dioxin in fish tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in fish tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	27	0.10	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	27	0.00	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	27	2.93	0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	27	1.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	140	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	27	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	27	0.00	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	27	2.93	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	275	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	27	0.16	0		AD	FS	<input type="checkbox"/>	FS		

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AUID: 0610_07 Sam Rayburn upper Angelina arm

2018 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 LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	10		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	10		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	3.19	10		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	247.67	10		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	5.45	10		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	21.00	10		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	10		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	198.02	10		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	10		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	49.49	10		0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	10	1.20	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.10	10	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	25.36	10	2	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.09	10	0.96	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.59	10	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	10	0.00	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	17.18	10	3.66	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	10	0.16	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	38.96	10	3.41	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	54		1	1.40	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	54		6	3.63	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	64		3	40.43	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	64		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	64		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	64		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	64		26	51,096.15	AD	CS	<input type="checkbox"/>	CS	iron in sediment	
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	62		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	64		30	1,436.67	AD	CS	<input type="checkbox"/>	CS	manganese in sediment	

2018 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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	54		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	64		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	64		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	64		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	51	5.10	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	282	14.34	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	282	23.01	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	282	104.29	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	54		1	8.60	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	54		1	5.20	AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	46		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	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	dioxin in fish tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in fish tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	27	0.10	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	27	0.00	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	27	2.93	0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

AUID: 0610_07 Sam Rayburn upper Angelina 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)	12/01/09 - 11/30/16	10	27	1.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	140	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	27	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	27	0.00	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	27	2.93	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	275	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	27	0.16	0		AD	FS	<input type="checkbox"/>	FS		

2018 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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	13		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	64		3	40.43	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	64		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	64		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	64		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	64		26	51,096.15	AD	CS	<input type="checkbox"/>	CS	iron in sediment	
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	62		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	64		30	1,436.67	AD	CS	<input type="checkbox"/>	CS	manganese in sediment	
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	54		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	64		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	64		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	64		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	05/30/07 - 11/30/16	126	20	1.33	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	282	14.34	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	282	23.01	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	282	104.29	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	13		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	13		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	13		0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

AUID: 0610_08 Sam Rayburn Bear Creek arm

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bioaccumulative Toxics in fish tissue	Mercury	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in fish tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	dioxin in edible tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	27	0.10	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	27	0.00	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	27	2.93	0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	27	1.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	140	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	27	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	27	0.00	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	27	2.93	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	275	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	27	0.16	0		AD	FS	<input type="checkbox"/>	FS		

2018 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 LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	26	1	1.50	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	26	1	1.50	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	64	3	40.43	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	64	26	51,096.15	AD	CS	<input type="checkbox"/>	CS	iron in sediment		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	62	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	64	30	1,436.67	AD	CS	<input type="checkbox"/>	CS	manganese in sediment		
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	54	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	64	0		AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	26	0	0.56	AD	FS	<input type="checkbox"/>	FS			

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	282	0	14.34	AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	282	0	23.01	AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	282	0	104.29	AD	FS	<input type="checkbox"/>	FS			
High pH	pH	12/01/09 - 11/30/16	8.50	26	0		AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/09 - 11/30/16	6	26	0		AD	FS	<input type="checkbox"/>	FS			
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16					AD	FS	<input type="checkbox"/>	FS			
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	26	0		AD	FS	<input type="checkbox"/>	FS			

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

AUID: 0610_09 Sam Rayburn lower Ayish Bayou arm

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bioaccumulative Toxics in fish tissue	Mercury	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	dioxin in fish tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in fish tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	27	0.10	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	27	0.00	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	27	2.93	0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	27	1.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	140	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	27	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	27	0.00	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	27	2.93	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	275	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	27	0.16	0		AD	FS	<input type="checkbox"/>	FS		

2018 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 LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	28	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	28	4	3.96	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	64	3	40.43	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	64	26	51,096.15	AD	CS	<input type="checkbox"/>	CS	iron in sediment		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	62	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	64	30	1,436.67	AD	CS	<input type="checkbox"/>	CS	manganese in sediment		
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	54	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	64	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	64	0		AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	25	15.53	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	282	14.34	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	282	23.01	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	282	104.29	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	28		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	28		1	5.80	AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	28		0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

AUID: 0610_10 Sam Rayburn upper Ayish Bayou arm

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bioaccumulative Toxics in fish tissue	Mercury	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	dioxin in fish tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in fish tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	27	0.10	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	27	0.00	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	27	2.93	0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	27	1.21	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	27	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	140	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	27	0.10	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	27	0.00	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	27	2.93	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	275	0.05	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	27	0.16	0		AD	FS	<input type="checkbox"/>	FS		

2018 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		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	2		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	2		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	3.12	2		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	242.88	2		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	5.33	2		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	20.45	2		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	194.06	2		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	2		0		ID	NA	<input type="checkbox"/>	NA			
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	48.50	2		0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	2	1.13	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.10	2	0.05	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	25.36	2	2	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.09	2	0.49	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.59	2	0.16	0		ID	NA	<input checked="" type="checkbox"/>	PI			
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	17.18	2	2.50	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	2	0.13	0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	38.96	2	2	0		ID	NA	<input type="checkbox"/>	NA			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	23		2	1.30	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	23		5	2.84	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	23	180.95	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c	

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	26		2	0.51	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	26		3	27.03	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	26		0		AD	NC	<input type="checkbox"/>	NC		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	3	0.18	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		

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

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	11	298.32	1		LD	NS	<input type="checkbox"/>	NS	bacteria	5c

General Use

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

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	3	0.18	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		

2018 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		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	8		0	LD	NC	<input type="checkbox"/>	NC				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	8		0	LD	NC	<input type="checkbox"/>	NC				

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	8	587.96	1	LD	CN	<input type="checkbox"/>	CN	bacteria			

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	11		0	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	10		1	221.00	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	11		0	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	11		0	AD	NC	<input type="checkbox"/>	NC				

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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	12/01/09 - 11/30/16	3	24		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	24		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	12/01/09 - 11/30/16	126	25	111.04	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	125	95	24.88	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	96	29.90	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	250	95	152.26	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	24		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	24		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	27		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	27		2	20.55	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	25		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	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	12/01/09 - 11/30/16	4	28	0.14	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	96	0.25	0		AD	FS	<input type="checkbox"/>	FS		

2018 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	12/01/09 - 11/30/16	3	20		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	20		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	25	83.62	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
Dissolved Solids	Chloride	12/01/09 - 11/30/16	125	95	24.88	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	96	29.90	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	250	95	152.26	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	20		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	20		2	5.50	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	26		3	24.90	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	26		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	12		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	28	0.14	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	96	0.25	0		AD	FS	<input type="checkbox"/>	FS		

2018 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		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Aluminum	12/01/09 - 11/30/16	991					ID	NA	<input checked="" type="checkbox"/>	PI		
Chronic Toxic Substances in water	Lead	12/01/09 - 11/30/16	0.74					ID	NA	<input checked="" type="checkbox"/>	PI		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	17		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	17		1	4.80	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	05/12/09 - 11/30/16	126	20	86.33	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	125	95	24.88	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	96	29.90	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	250	95	152.26	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	17		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	17		1	5.80	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	21		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	21		1	52.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	21		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	21		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	10		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	28	0.14	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	96	0.25	0		AD	FS	<input type="checkbox"/>	FS		

2018 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	12/01/09 - 11/30/16	3	26		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	26		3	4.20	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	26	145.16	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	125	95	24.88	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	96	29.90	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	250	95	152.26	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	26		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	26		1	5.90	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	26		8	1.82	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	17		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	28	0.14	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	96	0.25	0		AD	FS	<input type="checkbox"/>	FS		

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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		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	22.20	1		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.87	1	0.43	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	21		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	21		1	4.30	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	06/02/08 - 11/30/16	126	20	128.42	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	22		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	19		0		AD	NC	<input type="checkbox"/>	NC		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	2	0.50	0		ID	NA	<input type="checkbox"/>	NA		

2018 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		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	22.20	1		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.87	1	0.43	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	22		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	22		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	15	207.69	1		LD	NS	<input checked="" type="checkbox"/>	CN	bacteria	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	22		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	20		1	109.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	23		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	17		0		AD	NC	<input type="checkbox"/>	NC		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	2	0.50	0		ID	NA	<input type="checkbox"/>	NA		

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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	12/01/09 - 11/30/16	3	26		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	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	12/01/09 - 11/30/16	126	26	323.41	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5b

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	26		6	0.82	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	26		10	4.74	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	26		18	2.41	AD	CS	<input type="checkbox"/>	CS	total phosphorus	

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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	12/01/09 - 11/30/16	3	20		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	20		1	3.70	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	20	493.75	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5b

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	23		1	0.54	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	22		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	23		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	23		0		AD	NC	<input type="checkbox"/>	NC		

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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	12/01/09 - 11/30/16	3	17		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	17		1	3.70	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	05/13/09 - 11/30/16	126	20	419.57	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	26		1	0.37	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	25		2	47.75	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	26		0		AD	NC	<input type="checkbox"/>	NC		

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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		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	3		0		ID	NA	<input checked="" type="checkbox"/>	PI		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	4.52	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	332.17	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	7.63	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	31.31	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	268.16	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	67.05	3		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	3	1.17	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.13	3	0.05	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	33.55	3	2	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	4.14	3	0.77	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.87	3	0.16	0		ID	NA	<input checked="" type="checkbox"/>	PI		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	22.94	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	3	0.13	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	52.04	3	2	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	20		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	20		1	3.40	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	11/05/09 - 11/30/16	126	20	137.65	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5b

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

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

General Use												
Method	Parameter	Period of Record	Criteria	Data Assessed	Exceedances	Data	Int	TCEQ Cause			Cat	
				#	Value	#	Value	Qual	LOS	CF	LOS	
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	25		0		AD	NC	<input type="checkbox"/>	NC	
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	25		2	19.95	AD	NC	<input type="checkbox"/>	NC	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	25		0		AD	NC	<input type="checkbox"/>	NC	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	25		0		AD	NC	<input type="checkbox"/>	NC	
Fish Consumption Use												
Method	Parameter	Period of Record	Criteria	Data Assessed	Exceedances	Data	Int	TCEQ Cause			Cat	
				#	Value	#	Value	Qual	LOS	CF	LOS	
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	3	0.18	0		ID	NA	<input type="checkbox"/>	NA	
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	3	2.50	0		ID	NA	<input type="checkbox"/>	NA	

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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		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	22		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	22		1	4.00	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	23	98.65	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	12/01/09 - 11/30/16	0.33	23		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	23		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	23		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	23		0		AD	NC	<input type="checkbox"/>	NC		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	3	0.18	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		

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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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	08/19/09 - 11/30/16	2	10		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	08/19/09 - 11/30/16	3	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	12/01/09 - 11/30/16	126	8	242.11	1		LD	CN	<input checked="" type="checkbox"/>	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	08/19/09 - 11/30/16	0.33	10		4	0.71	AD	CS	<input type="checkbox"/>	CS	Ammonia in water	
Nutrient Screening Levels	Chlorophyll-a	08/19/09 - 11/30/16	14.10	10		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	08/19/09 - 11/30/16	1.95	10		9	4.75	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	08/19/09 - 11/30/16	0.69	10		0		AD	NC	<input type="checkbox"/>	NC		

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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		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	52		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	52		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	52	1.07	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	12/01/09 - 11/30/16	0.11	52		8	0.20	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	52		1	37.40	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	52		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	52		0		JQ	NA	<input type="checkbox"/>	NA		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	52	0.06	0		AD	FS	<input type="checkbox"/>	FS		

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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		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	50	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	50	0		AD	NC	<input type="checkbox"/>	NC				

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	42 2.15	0		AD	FS	<input type="checkbox"/>	FS				

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	46	0		JQ	NA	<input type="checkbox"/>	NA				
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	46	1 55.10		JQ	NA	<input type="checkbox"/>	NA				
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	48	0		JQ	NA	<input type="checkbox"/>	NA				
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	44	0		JQ	NA	<input type="checkbox"/>	NA				

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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		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	10	2	1.90	AD	CN	<input type="checkbox"/>	CN	Depressed dissolved oxygen in water			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	10	5	3.22	AD	CS	<input type="checkbox"/>	CS	Depressed dissolved oxygen in water			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	10	44.43	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	12/01/09 - 11/30/16	0.33	11	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	11	2	40.85	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	11	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	11	0		AD	NC	<input type="checkbox"/>	NC				

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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		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	9	0		LD	NC	<input type="checkbox"/>	NC				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	9	1	4.30	LD	NC	<input type="checkbox"/>	NC				

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	9	52.60	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	12/01/09 - 11/30/16	0.33	10	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	10	1	22.00	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	10	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	10	0		AD	NC	<input type="checkbox"/>	NC				

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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	12/01/09 - 11/30/16	3	24		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	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	12/01/09 - 11/30/16	126	24	126.24	1		AD	CN	<input type="checkbox"/>	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	75	69	12.83	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	69	21.39	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	69	112.82	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	24		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	24		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	25		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	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	12/01/09 - 11/30/16	10	69	0.30	0		AD	FS	<input type="checkbox"/>	FS		

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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	12/01/09 - 11/30/16	3	26		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	26		3	3.93	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	26	148.49	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	75	69	12.83	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	69	21.39	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	69	112.82	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	26		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	26		1	0.43	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	26		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	18		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	69	0.30	0		AD	FS	<input type="checkbox"/>	FS		

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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	12/01/09 - 11/30/16	3	18		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	18		2	4.60	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	10/08/09 - 11/30/16	126	20	288.93	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	75	69	12.83	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	69	21.39	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	69	112.82	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	18		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	18		1	5.70	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	26		3	0.71	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	26		4	108.90	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	26		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	11		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	69	0.30	0		AD	FS	<input type="checkbox"/>	FS		

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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 Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	11		0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	11		0		AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	11	198.85	1		LD	NS	<input checked="" type="checkbox"/>	CN	bacteria		

General Use

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

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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	12/01/09 - 11/30/16	3	11		0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	11		2	4.15	AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	11	1.51	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	12/01/09 - 11/30/16	0.11	11		3	0.39	JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	11		1	34.60	JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	11		1	0.61	JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	11		0		JQ	NA	<input type="checkbox"/>	NA			

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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	12/01/09 - 11/30/16	3	27		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	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	12/01/09 - 11/30/16	126	23	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	12/01/09 - 11/30/16	50	105	12.84	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	105	10.40	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	107	75.85	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	27		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	27		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	27		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	105	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	106	0.05	0		AD	FS	<input type="checkbox"/>	FS		

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AUID: 0613_02 Lake Tyler 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	12/01/09 - 11/30/16	3	27		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	27		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	22	2.28	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	105	12.84	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	105	10.40	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	107	75.85	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	27		1	9.20	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	27		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	27		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	105	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	106	0.05	0		AD	FS	<input type="checkbox"/>	FS		

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AUID: 0613_03 Lake Tyler East lower 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	12/01/09 - 11/30/16	3	27	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	27	1	4.53	AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	23	1.93	0	AD	FS	<input type="checkbox"/>	FS			

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	105	12.84	0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	105	10.40	0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	107	75.85	0	AD	FS	<input type="checkbox"/>	FS			
High pH	pH	12/01/09 - 11/30/16	9	27		0	AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/09 - 11/30/16	6.50	27		0	AD	FS	<input type="checkbox"/>	FS			
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16					AD	FS	<input type="checkbox"/>	FS			
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	27		0	AD	FS	<input type="checkbox"/>	FS			

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	105	0.12	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	106	0.05	0	AD	FS	<input type="checkbox"/>	FS			

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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	12/01/09 - 11/30/16	3	26		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	26		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	23	4.27	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	105	12.84	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	105	10.40	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	107	75.85	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	26		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	26		2	6.15	AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	26		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	105	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	106	0.05	0		AD	FS	<input type="checkbox"/>	FS		

2018 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		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	149.49	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	117.55	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	29.36	1		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	25.36	1	2	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	17.18	1	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	38.96	1	4.67	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	27		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	27		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	03/12/08 - 11/30/16	126	20	2.15	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	51	8.54	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	51	7.91	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	750	54	57.71	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	27		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	27		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	27		0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

AUID: 0614_01 Lower reservoir

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	Nickel (dissolved)	12/01/09 - 11/30/16	332	2 2.50	0	ID	NA	<input type="checkbox"/>	NA		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	52 0.12	0	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	2 2.50	0	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	52 0.05	0	AD	FS	<input type="checkbox"/>	FS		

2018 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		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	157.91	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	124.40	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	31.07	1		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	25.36	1	2	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	17.18	1	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	38.96	1	2	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	26		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	26		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	03/03/09 - 11/30/16	126	20	2.28	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	51	8.54	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	51	7.91	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	750	54	57.71	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	26		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	26		0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	2	2.50	0		ID	NA	<input type="checkbox"/>	NA		

2018 Texas Integrated Report - Assessment Results for Basin 6 - Neches River Basin

AUID: 0614_02 Upper reservoir

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	52	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	2	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	52	0.05	0		AD	FS	<input type="checkbox"/>	FS		

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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 confluence

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	15		0		AD	FS	<input checked="" type="checkbox"/>	PI			
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	15		0		AD	FS	<input type="checkbox"/>	FS			
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	4.43	15		0		AD	FS	<input type="checkbox"/>	FS			
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	326.69	15		0		AD	FS	<input type="checkbox"/>	FS			
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	7.49	14		0		AD	FS	<input type="checkbox"/>	FS			
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	30.61	15		0		AD	FS	<input type="checkbox"/>	FS			
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	13		0		AD	FS	<input type="checkbox"/>	FS			
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	263.60	15		0		AD	FS	<input type="checkbox"/>	FS			
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	14		0		AD	FS	<input type="checkbox"/>	FS			
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	65.91	15		0		AD	FS	<input type="checkbox"/>	FS			
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	15	1.60	0		AD	FS	<input type="checkbox"/>	FS			
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.10	15	0.05	0		AD	FS	<input type="checkbox"/>	FS			
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	25.36	15	2	0		AD	FS	<input type="checkbox"/>	FS			
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.09	14	1.09	0		AD	FS	<input type="checkbox"/>	FS			
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.59	15	0.11	0		AD	FS	<input type="checkbox"/>	FS			
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	13	0.00	0		AD	FS	<input type="checkbox"/>	FS			
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	17.18	15	2.50	0		AD	FS	<input type="checkbox"/>	FS			
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	14	0.14	0		AD	FS	<input type="checkbox"/>	FS			
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	38.96	15	2.57	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	54		2	1.08	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	54		8	3.29	SM	CS	<input type="checkbox"/>	NA			
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	42	2	46			AD	FS	<input type="checkbox"/>	FS			
Habitat	Habitat	12/01/09 - 11/30/16	20	2	21			AD	NC	<input type="checkbox"/>	NC			
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29	2	33			AD	FS	<input type="checkbox"/>	FS			

2018 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	12/01/09 - 11/30/16	126	49	63.15	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	150	50	24.20	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	53	28.50	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	52	157.72	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	54		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	54		4	6.33	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	54		5	0.18	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	54		3	39.20	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	55		20	0.67	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	51		23	0.31	JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	54		0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in fish tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	dioxin in fish tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	15	0.17	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	13	0.00	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	15	2.50	0		AD	FS	<input type="checkbox"/>	FS		

2018 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 confluence

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	15	1.60	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	15	0.17	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	53	0.14	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	15	0.17	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	13	0.00	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	15	2.50	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	53	0.39	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	14	0.14	0		AD	FS	<input type="checkbox"/>	FS		

2018 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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum	12/01/09 - 11/30/16	991					ID	NA	<input checked="" type="checkbox"/>	PI		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	1.50	26		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	26		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	12/01/09 - 11/30/16	126	23	241.17	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5b

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	25		2	0.57	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	24		4	47.48	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	23		1	0.89	AD	NC	<input type="checkbox"/>	NC		