

Explanation of Column Headings

SEGID: The unique identifier (SegID), segment name, and location of the water body. Items may be one of three types of numbers for SegID. The first type is a classified segment number (4 digits, e.g., 0218), as defined in the Texas Surface Water Quality Standards. The second type is an unclassified water body (e.g., 0218A), not defined in the Standards and associated with a classified water body because it is in the same watershed. The third type includes special Segments for Oyster Water Use (e.g., 2421OW) and Beach Watch Use (e.g., 2481CB) special areas. The segment name and description follow SegID.

AU ID: Identifies the assessment unit (AU_ID, six or seven digits, e.g., 0101A_01) and describes the location of the specific area within a classified or unclassified water body for which one or more water quality standards are not met.

Start Date: The start date of the period of record data for this method was selected; the official 2024 period of record is from 12/1/2015 to 11/30/2022. In some cases it may be necessary to extend the period of record back 10 years (12/1/2012) to select more data, according to assessment guidance.

End Date: The end date of the period of record data for this method was selected; the official 2024 period of record dates are 12/1/2015 to 11/30/2022. In some cases more recently collected data than 12/01/2022 can be included, if available

#Data Assessed: 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 s low flow.

Mean Data Assessed: Mean of samples assessed includes averaged methods like chronic criteria as well as geometric mean calculations for bacteria.

Exceedances: Number of samples that exceed criteria for single sample, or binomial, methods (not averaged data).

Mean Exceedances: Mean of the samples that exceeded criteria for the single sample, or binomial, methods (not averaged data).

Criteria: Value that the data is compared to determine the 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: Dataset Qualifier - indicates characteristics of the methods or dataset used in the assessment:

- 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: Level of support for this use, method, assessment parameter:

- FS:** Fully Supporting.
- NC:** No Concern.
- NA:** Not Assessed.
- NS:** Nonsupport.
- CS:** Screening Level Concern.
- CN:** Use Concern.

CF: Carry Forward 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:

Category 3: There is insufficient or unreliable available data and/or information to make a use support determination.

Category 4: Available data and/or information indicate that at least one designated use is not being supported or is threatened, but a TMDL is not needed.

Category 4a: A state-developed TMDL has been approved by EPA or a TMDL has been established by EPA for any water-pollutant combination.

Category 4b: Other required control measures are expected to result in the attainment of an applicable water quality standard in a reasonable period of time.

Category 4c: The impairment or threat is not caused by a pollutant.

Category 5: Available data and/or information indicate that at least one designated use is not being supported or is threatened, and a TMDL is needed.

Category 5a: A TMDL is underway, scheduled, or will be scheduled.

Category 5b: A review of the standards for the water body will be conducted before a management strategy is selected.

Category 5c: Additional data and information will be collected or evaluated before a management strategy is selected.

Category 5n: Water body does not meet its applicable Chl a criterion, but additional study is needed to verify whether exceedance is associated with causal nutrient parameters or impacts to response variables.

Category 5r: A WPP is under development or accepted by EPA for this parameter.

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

Seg ID: 0601 - Neches River Tidal

AU ID: 0601_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Chronic Toxic Substances in water	Malathion	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Malathion in water		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	25	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	25	.	0	.	AD	NC	N	NC			
	Toxic Substances in sediment	Copper		12/01/15	11/30/22	270	69	.	0	.	AD	NC	N	NC		
		Arsenic		12/01/15	11/30/22	70	69	.	0	.	AD	NC	N	NC		
		Chromium		12/01/15	11/30/22	370	67	.	0	.	AD	NC	N	NC		
		Nickel		12/01/15	11/30/22	51.6	68	.	0	.	AD	NC	N	NC		
		Mercury		12/01/15	11/30/22	0.71	61	.	0	.	AD	NC	N	NC		
		Silver		12/01/15	11/30/22	3.7	68	.	0	.	AD	NC	N	NC		
		Lead		12/01/15	11/30/22	218	69	.	0	.	AD	NC	N	NC		
		Cadmium		12/01/15	11/30/22	9.6	69	.	0	.	AD	NC	N	NC		
Zinc		12/01/15	11/30/22	410	67	.	0	.	AD	NC	N	NC				
Fish Consumption Use	DSHS Limited Consumption Advisory	PCBs	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5c	
General Use	High pH	pH	12/01/15	11/30/22	8.5	26	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/15	11/30/22	6	26	.	0	.	AD	FS	N	FS			
	Nutrient Screening Levels	Nitrate		12/01/15	11/30/22	1.1	26	.	0	.	AD	NC	N	NC		
		Total phosphorus		12/01/15	11/30/22	0.66	26	.	0	.	AD	NC	N	NC		
		Ammonia		12/01/15	11/30/22	0.46	24	.	0	.	AD	NC	N	NC		
		Chlorophyll-a		12/01/15	11/30/22	21	26	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	26	.	0	.	AD	FS	N	FS				
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	104	0.15	0	.	AD	FS	N	FS			
		Nitrate	12/01/15	11/30/22	10	130	0.1	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	Enterococcus	12/01/15	11/30/22	35	26	21.6	0	.	AD	FS	N	FS			

Seg ID: 0601 - Neches River Tidal

AU ID: 0601_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	25	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	25	.	0	.	AD	NC	N	NC			
	Toxic Substances in sediment	Zinc		12/01/15	11/30/22	410	67	.	0	.	AD	NC	N	NC		
		Arsenic		12/01/15	11/30/22	70	69	.	0	.	AD	NC	N	NC		
		Cadmium		12/01/15	11/30/22	9.6	69	.	0	.	AD	NC	N	NC		
		Mercury		12/01/15	11/30/22	0.71	61	.	0	.	AD	NC	N	NC		
		Lead		12/01/15	11/30/22	218	69	.	0	.	AD	NC	N	NC		
		Silver		12/01/15	11/30/22	3.7	68	.	0	.	AD	NC	N	NC		
		Chromium		12/01/15	11/30/22	370	67	.	0	.	AD	NC	N	NC		
		Copper		12/01/15	11/30/22	270	69	.	0	.	AD	NC	N	NC		
Nickel		12/01/15	11/30/22	51.6	68	.	0	.	AD	NC	N	NC				
Fish Consumption Use	DSHS Limited Consumption Advisory	PCBs	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5c	
General Use	High pH	pH	12/01/15	11/30/22	8.5	26	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/15	11/30/22	6	26	.	0	.	AD	FS	N	FS			
	Nutrient Screening Levels	Chlorophyll-a		12/01/15	11/30/22	21	26	.	0	.	AD	NC	N	NC		
		Total phosphorus		12/01/15	11/30/22	0.66	26	.	0	.	AD	NC	N	NC		
		Nitrate		12/01/15	11/30/22	1.1	26	.	0	.	AD	NC	N	NC		
		Ammonia		12/01/15	11/30/22	0.46	25	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	26	.	0	.	AD	FS	N	FS				

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

Seg ID: 0601 - Neches River Tidal

AU ID: 0601_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	130	0.1	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	104	0.15	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	Enterococcus	12/01/15	11/30/22	35	26	33.32	0	.	AD	FS	N	FS		

Seg ID: 0601 - Neches River Tidal

AU ID: 0601_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	25	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	25	.	0	.	AD	NC	N	NC	
	Toxic Substances in sediment	Silver	12/01/15	11/30/22	3.7	68	.	0	.	AD	NC	N	NC		
		Zinc	12/01/15	11/30/22	410	67	.	0	.	AD	NC	N	NC		
		Nickel	12/01/15	11/30/22	51.6	68	.	0	.	AD	NC	N	NC		
		Chromium	12/01/15	11/30/22	370	67	.	0	.	AD	NC	N	NC		
		Lead	12/01/15	11/30/22	218	69	.	0	.	AD	NC	N	NC		
		Cadmium	12/01/15	11/30/22	9.6	69	.	0	.	AD	NC	N	NC		
		Mercury	12/01/15	11/30/22	0.71	61	.	0	.	AD	NC	N	NC		
		Copper	12/01/15	11/30/22	270	69	.	0	.	AD	NC	N	NC		
Arsenic	12/01/15	11/30/22	70	69	.	0	.	AD	NC	N	NC				
Fish Consumption Use	DSHS Limited Consumption Advisory	PCBs	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5c
General Use	High pH	pH	12/01/15	11/30/22	8.5	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	26	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.66	26	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.1	26	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	21	26	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.46	25	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	26	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	130	0.1	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	104	0.15	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	Enterococcus	12/01/15	11/30/22	35	26	56.17	1	.	AD	NS	N	NS	Bacteria in water	4a

Seg ID: 0601 - Neches River Tidal

AU ID: 0601_04

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	51	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	51	.	0	.	AD	NC	N	NC	
	Toxic Substances in sediment	Silver	12/01/15	11/30/22	3.7	68	.	0	.	AD	NC	N	NC		
		Copper	12/01/15	11/30/22	270	69	.	0	.	AD	NC	N	NC		
		Lead	12/01/15	11/30/22	218	69	.	0	.	AD	NC	N	NC		
		Mercury	12/01/15	11/30/22	0.71	61	.	0	.	AD	NC	N	NC		
		Nickel	12/01/15	11/30/22	51.6	68	.	0	.	AD	NC	N	NC		
		Chromium	12/01/15	11/30/22	370	67	.	0	.	AD	NC	N	NC		
		Cadmium	12/01/15	11/30/22	9.6	69	.	0	.	AD	NC	N	NC		
		Arsenic	12/01/15	11/30/22	70	69	.	0	.	AD	NC	N	NC		
Zinc	12/01/15	11/30/22	410	67	.	0	.	AD	NC	N	NC				
Fish Consumption Use	DSHS Limited Consumption Advisory	PCBs	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5c

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

Seg ID: 0601 - Neches River Tidal

AU ID: 0601_04

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
General Use	High pH	pH	12/01/15	11/30/22	8.5	52	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/15	11/30/22	6	52	.	0	.	AD	FS	N	FS			
	Nutrient Screening Levels	Nitrate		12/01/15	11/30/22	1.1	52	.	0	.	AD	NC	N	NC		
		Total phosphorus		12/01/15	11/30/22	0.66	51	.	1	1.51	AD	NC	N	NC		
		Chlorophyll-a		12/01/15	11/30/22	21	30	.	0	.	AD	NC	N	NC		
		Ammonia		12/01/15	11/30/22	0.46	51	.	2	0.75	AD	NC	N	NC		
	Water Temperature	Water temperature		12/01/15	11/30/22	35	52	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	130	0.1	0	.	AD	FS	N	FS			
		Fluoride	12/01/15	11/30/22	4	104	0.15	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	Enterococcus	12/01/15	11/30/22	35	49	50.45	1	.	AD	NS	N	NS	Bacteria in water	4a	

Seg ID: 0601A - Star Lake Canal

AU ID: 0601A_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Chronic Toxic Substances in water	Malathion	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Malathion in water		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	25	.	1	0.85	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	25	.	2	2.08	AD	NC	N	NC			
	Toxic Substances in sediment	Zinc		12/01/15	11/30/22	410	24	.	0	.	AD	NC	N	NC		
		Arsenic		12/01/15	11/30/22	70	24	.	0	.	AD	NC	N	NC		
		Chromium		12/01/15	11/30/22	370	24	.	0	.	AD	NC	N	NC		
		Silver		12/01/15	11/30/22	3.7	24	.	0	.	AD	NC	N	NC		
		Lead		12/01/15	11/30/22	218	24	.	0	.	AD	NC	N	NC		
		Cadmium		12/01/15	11/30/22	9.6	24	.	0	.	AD	NC	N	NC		
		Copper		12/01/15	11/30/22	270	24	.	0	.	AD	NC	N	NC		
		Mercury		12/01/15	11/30/22	0.71	21	.	0	.	AD	NC	N	NC		
Nickel		12/01/15	11/30/22	51.6	24	.	0	.	AD	NC	N	NC				
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.1	26	.	0	.	AD	NC	N	NC			
		Total phosphorus	12/01/15	11/30/22	0.66	26	.	0	.	AD	NC	N	NC			
		Chlorophyll-a	12/01/15	11/30/22	21	23	.	3	37.47	AD	NC	N	NC			
		Ammonia	12/01/15	11/30/22	0.46	25	.	4	2.18	AD	NC	N	NC			
Recreation Use	Bacteria Geomean	Enterococcus	12/01/15	11/30/22	35	26	80.29	1	.	AD	NS	N	NS	Bacteria in water	5c	

Seg ID: 0602 - Neches River Below B. A. Steinhagen Lake

AU ID: 0602_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Acute Toxic Substances in water	Aluminum (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	50	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	50	.	1	4.8	AD	NC	N	NC		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	200	101	79.54	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	99	14.42	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	99	12.28	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	50	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	50	.	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

Seg ID: 0602 - Neches River Below B. A. Steinhagen Lake

AU ID: 0602_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	8	.	0	.	LD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	51	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	51	.	3	1.09	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	51	.	1	1.2	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.8	50	.	2	33	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	99	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	24	0.1	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	49	49.9	0	.	AD	FS	N	FS		

Seg ID: 0602 - Neches River Below B. A. Steinhagen Lake

AU ID: 0602_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	25	.	0	.	AD	NC	N	NC		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5c
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	50	99	12.28	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	99	14.42	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	200	101	79.54	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	25	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	25	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	22	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	25	.	1	14.2	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	25	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	24	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	25	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	99	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	24	0.1	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	24	39.41	0	.	AD	FS	N	FS		

Seg ID: 0602 - Neches River Below B. A. Steinhagen Lake

AU ID: 0602_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Acute Toxic Substances in water	Aluminum (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	26	.	0	.	AD	NC	N	NC		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5c

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

**Seg ID: 0602 - Neches River Below B. A. Steinhagen Lake
AU ID: 0602_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	50	99	12.28	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	99	14.42	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	200	101	79.54	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	26	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	26	.	2	1.12	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	25	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	26	.	3	0.47	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	4	.	0	.	LD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	26	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	24	0.1	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	99	0.07	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	26.17	0	.	AD	FS	N	FS		

**Seg ID: 0602 - Neches River Below B. A. Steinhagen Lake
AU ID: 0602_04**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5c
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	200	101	79.54	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	99	12.28	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	99	14.42	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	24	0.1	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	99	0.07	0	.	AD	FS	N	FS		

**Seg ID: 0603 - B. A. Steinhagen Lake
AU ID: 0603_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	24	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	24	.	0	.	AD	NC	N	NC		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5c
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	25	15.78	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	200	26	86.98	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	25	13.21	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	26	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	26	.	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

Seg ID: 0603 - B. A. Steinhagen Lake

AU ID: 0603_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	25	0.12	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	25	0.05	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	25	5.06	0	.	AD	FS	N	FS		

Seg ID: 0603 - B. A. Steinhagen Lake

AU ID: 0603_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Consumption Use	DSHS Limited Consumption Advisory	Dioxins	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5c
		Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	50	25	13.21	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	25	15.78	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	200	26	86.98	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	25	0.12	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	25	0.05	0	.	AD	FS	N	FS		

Seg ID: 0603A - Sandy Creek

AU ID: 0603A_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	26	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	26	.	3	1.48	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	25	.	1	2.22	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	4	.	0	.	LD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	26	.	1	0.4	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	338.66	1	.	AD	NS	N	NS	Bacteria in water	4a

Seg ID: 0603B - Wolf Creek

AU ID: 0603B_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	26	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	26	.	2	0.7	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	26	.	2	0.96	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	25	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	4	.	0	.	LD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	306.78	1	.	AD	NS	N	NS	Bacteria in water	4a

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

Seg ID: 0604 - Neches River Below Lake Palestine

AU ID: 0604_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	25	.	0	.	AD	NC	N	NC		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5c
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	200	119	115.22	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	121	21.35	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	121	20.93	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	25	.	1	9.1	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	25	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	27	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	26	.	1	49	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	26	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	28	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	25	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	121	0.25	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	92	0.13	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	28	75.86	0	.	AD	FS	N	FS		

Seg ID: 0604 - Neches River Below Lake Palestine

AU ID: 0604_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	24	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	24	.	0	.	AD	NC	N	NC		
Fish Consumption Use	DSHS Limited Consumption Advisory	Dioxins	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5c
		Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	50	121	21.35	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	200	119	115.22	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	121	20.93	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	24	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	24	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	24	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	24	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	24	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	25	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	24	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	92	0.13	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	121	0.25	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	24	137.59	1	.	AD	CN	N	CN	Bacteria in water	

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

Seg ID: 0604 - Neches River Below Lake Palestine

AU ID: 0604_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	25	.	0	.	AD	NC	N	NC		
Fish Consumption Use	DSHS Limited Consumption Advisory	Dioxins	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5c
		Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	50	121	21.35	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	121	20.93	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	200	119	115.22	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	25	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	25	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	24	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	24	.	1	1.01	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	25	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	24	.	2	15.25	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	25	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	121	0.25	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	92	0.13	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	25	124.64	0	.	AD	FS	N	FS		

Seg ID: 0604 - Neches River Below Lake Palestine

AU ID: 0604_04

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	24	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	24	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	121	20.93	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	200	119	115.22	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	121	21.35	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	24	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	24	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	22	.	6	25.53	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	24	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	22	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	24	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	24	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	92	0.13	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	121	0.25	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	06/15/15	11/30/22	126	20	98.81	0	.	AD	FS	N	FS		

Seg ID: 0604 - Neches River Below Lake Palestine

AU ID: 0604_05

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	17	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	17	.	0	.	AD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

Seg ID: 0604 - Neches River Below Lake Palestine

AU ID: 0604_05

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	50	121	21.35	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	200	119	115.22	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	121	20.93	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	17	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	17	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	19	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	16	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	17	.	12	22.28	AD	CS	N	CS	Chlorophyll-a in water	
		Nitrate	12/01/15	11/30/22	1.95	19	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	17	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	92	0.13	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	121	0.25	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	08/19/13	11/30/22	126	20	80.39	0	.	AD	FS	N	FS		

Seg ID: 0604A - Cedar Creek

AU ID: 0604A_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	55	.	2	1.65	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	55	.	3	2.3	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	51	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	59	.	24	4.47	AD	CS	N	CS	Total Phosphorus in water	
		Ammonia	12/01/15	11/30/22	0.33	61	.	8	2.68	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	61	.	23	9.25	AD	CS	N	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	56	395.86	1	.	AD	NS	N	NS	Bacteria in water	4a

Seg ID: 0604A - Cedar Creek

AU ID: 0604A_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	3	7	.	0	.	TR	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	2	7	.	1	0.9	TR	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	55	.	3	1.4	AD	FS	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	55	.	13	2.25	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	53	.	3	0.79	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	45	.	4	19.13	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	55	.	6	0.96	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	55	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	53	292.1	1	.	AD	NS	N	NS	Bacteria in water	5c

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

**Seg ID: 0604B - Hurricane Creek
AU ID: 0604B_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Chronic Toxic Substances in water	Lead (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	60	.	1	1.3	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	60	.	1	1.3	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	49	.	2	17.9	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	63	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	63	.	1	0.56	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	61	.	4	2.23	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	60	525.64	1	.	AD	NS	N	NS	Bacteria in water	4a

**Seg ID: 0604B - Hurricane Creek
AU ID: 0604B_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	18	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	18	.	3	4.53	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	26	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	27	.	1	0.41	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	22	.	2	17.05	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	27	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	21	692.72	1	.	AD	NS	N	NS	Bacteria in water	5a

**Seg ID: 0604C - Jack Creek
AU ID: 0604C_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Acute Toxic Substances in water	Aluminum (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	PI		
	Chronic Toxic Substances in water	Lead (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	70	.	1	1.8	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	70	.	3	3.67	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	72	.	20	1.73	AD	CS	N	CS	Total Phosphorus in water	
		Ammonia	12/01/15	11/30/22	0.33	75	.	1	1	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	65	.	3	34.33	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	75	.	2	4.62	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	71	233.87	1	.	AD	NS	N	NS	Bacteria in water	4a

**Seg ID: 0604D - Piney Creek
AU ID: 0604D_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Acute Toxic Substances in water	Aluminum (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	PI		
	Chronic Toxic Substances in water	Lead (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5b
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Ammonia in water	

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

**Seg ID: 0604D - Piney Creek
AU ID: 0604D_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	12	.	1	2.5	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	12	.	4	3.4	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	28	.	7	36	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	26	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	28	.	2	0.5	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	28	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	02/03/15	11/30/22	126	20	94.76	0	.	AD	FS	N	FS		

**Seg ID: 0604M - Biloxi Creek
AU ID: 0604M_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Acute Toxic Substances in water	Aluminum (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	PI		
	Chronic Toxic Substances in water	Lead (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	27	.	1	1.3	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	27	.	1	1.3	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	26	.	1	21	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	26	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	27	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	28	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	27	185.49	1	.	AD	NS	N	NS	Bacteria in water	5a

**Seg ID: 0604M - Biloxi Creek
AU ID: 0604M_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	3	10	.	3	2.07	AD	NS	N	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	2	10	.	2	1	AD	CN	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	38	.	3	1.17	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	38	.	4	1.58	SM	NC	N	NA		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	11	.	1	51.2	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	25	.	6	2.18	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	26	.	1	2.9	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	27	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	38	273.46	1	.	AD	NS	N	NS	Bacteria in water	4a

**Seg ID: 0604N - Buck Creek
AU ID: 0604N_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Acute Toxic Substances in water	Aluminum (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	PI		
	Chronic Toxic Substances in water	Lead (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	0	.	AD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

Seg ID: 0604N - Buck Creek

AU ID: 0604N_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	26	.	1	21.7	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	25	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	27	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	28	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	134.53	1	.	AD	CN	N	CN	Bacteria in water	

Seg ID: 0604T - Lake Ratcliff

AU ID: 0604T_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	28	.	0	.	AD	NC	N	NC		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	26.7	28	.	2	33.6	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	26	.	0	.	JQ	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.11	28	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	28	.	0	.	JQ	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	27	5.91	0	.	AD	FS	N	FS		

Seg ID: 0605 - Lake Palestine

AU ID: 0605_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	43	.	1	1.8	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	43	.	6	3.49	AD	CS	N	CS	Depressed dissolved oxygen in water	
	Toxic Substances in sediment	Manganese	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Manganese in sediment	
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	178	19	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	172	17.26	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	200	182	105.64	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	43	.	6	8.9	AD	CN	Y	NS	High pH in water	5b
	Low pH	pH	12/01/15	11/30/22	6	43	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	194	0.09	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	161	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	50	1.92	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

Seg ID: 0605 - Lake Palestine

AU ID: 0605_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	27	.	1	3.22	AD	NC	N	NC		
	Toxic Substances in sediment	Manganese	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Manganese in sediment	
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	178	19	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	172	17.26	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	200	182	105.64	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	27	.	4	9.04	AD	CN	Y	NS	High pH in water	5b
	Low pH	pH	12/01/15	11/30/22	6	27	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	27	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	161	0.12	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	194	0.09	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	20	1.19	0	.	AD	FS	N	FS		

Seg ID: 0605 - Lake Palestine

AU ID: 0605_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	27	.	0	.	AD	NC	N	NC		
	Toxic Substances in sediment	Manganese	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Manganese in sediment	
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	178	19	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	172	17.26	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	200	182	105.64	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	27	.	5	8.87	AD	NS	N	NS	High pH in water	5b
	Low pH	pH	12/01/15	11/30/22	6	27	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	27	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	194	0.09	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	161	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	21	2.9	0	.	AD	FS	N	FS		

Seg ID: 0605 - Lake Palestine

AU ID: 0605_09

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	27	.	0	.	AD	NC	N	NC		
	Toxic Substances in sediment	Manganese	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Manganese in sediment	
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	50	172	17.26	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	200	182	105.64	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	178	19	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	27	.	7	8.79	AD	NS	N	NS	High pH in water	5b
	Low pH	pH	12/01/15	11/30/22	6	27	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	27	.	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

Seg ID: 0605 - Lake Palestine

AU ID: 0605_09

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	194	0.09	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	161	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	20	2.43	0	.	AD	FS	N	FS		

Seg ID: 0605 - Lake Palestine

AU ID: 0605_10

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	32	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	32	.	0	.	AD	NC	N	NC		
	Toxic Substances in sediment	Manganese	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Manganese in sediment	
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	178	19	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	172	17.26	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	200	182	105.64	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	32	.	4	8.69	AD	FS	Y	NS	High pH in water	5b
	Low pH	pH	12/01/15	11/30/22	6	32	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	32	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	161	0.12	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	194	0.09	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	8.81	0	.	AD	FS	N	FS		

Seg ID: 0605 - Lake Palestine

AU ID: 0605_11

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	27	.	0	.	AD	NC	N	NC		
	Toxic Substances in sediment	Manganese	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Manganese in sediment	
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	178	19	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	200	182	105.64	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	172	17.26	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	27	.	5	8.83	AD	NS	N	NS	High pH in water	5b
	Low pH	pH	12/01/15	11/30/22	6	27	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	27	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	194	0.09	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	161	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	06/29/15	11/30/22	126	20	1.35	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

**Seg ID: 0605A - Kickapoo Creek in Henderson County
AU ID: 0605A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	3	2	.	0	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5r
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	2	2	.	0	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5r
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	73	.	4	1.53	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	73	.	7	1.93	SM	NC	N	NA		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	73	.	3	0.8	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	73	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	71	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	71	.	28	46.56	AD	CS	N	CS	Chlorophyll-a in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	73	168.72	1	.	AD	NS	N	NS	Bacteria in water	5r

**Seg ID: 0605A - Kickapoo Creek in Henderson County
AU ID: 0605A_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	3	58	.	4	2.2	AD	FS	N	FS		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	2	58	.	3	1.27	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	221	.	2	1.7	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	221	.	12	2.4	SM	NC	N	NA		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	214	.	21	50.17	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	212	.	3	1.49	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	220	.	4	0.65	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	221	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	229	265.07	1	.	AD	NS	N	NS	Bacteria in water	5r

**Seg ID: 0605F - Lake Athens
AU ID: 0605F_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	33	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	33	.	1	3.17	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	26.7	26	.	0	.	JQ	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.11	25	.	2	0.15	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	30	.	0	.	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	28	.	0	.	JQ	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	20	1.45	0	.	AD	FS	N	FS		

**Seg ID: 0606 - Neches River Above Lake Palestine
AU ID: 0606_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	22	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	22	.	0	.	AD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

Seg ID: 0606 - Neches River Above Lake Palestine

AU ID: 0606_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	37	27.35	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	37	34.18	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	300	44	173.03	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	22	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	22	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	22	.	4	0.78	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	21	.	4	0.99	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	21	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	21	.	6	3.57	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	22	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	38	0.99	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	37	0.13	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	06/25/13	11/30/22	126	20	133.11	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0606 - Neches River Above Lake Palestine

AU ID: 0606_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Zinc in water	
	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	4	4	.	1	3.6	LD	NC	Y	CN	Depressed dissolved oxygen in water	
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	4	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	21	.	2	2.15	AD	FS	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	21	.	4	2.83	SM	CS	N	NA		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	37	27.35	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	37	34.18	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	300	44	173.03	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	21	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	21	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	15	.	2	41.8	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	16	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	17	.	1	0.63	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	17	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	21	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	38	0.99	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	37	0.13	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	03/18/14	11/30/22	126	20	168.07	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0606A - Prairie Creek

AU ID: 0606A_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	25	.	1	2.95	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	25	.	1	2.95	AD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

**Seg ID: 0606A - Prairie Creek
AU ID: 0606A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	24	.	10	3.36	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/15	11/30/22	14.1	23	.	1	16.7	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	24	.	5	0.99	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	25	.	8	1.05	AD	CS	N	CS	Ammonia in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	43	201.29	1	.	AD	NS	N	NS	Bacteria in water	5b

**Seg ID: 0606A - Prairie Creek
AU ID: 0606A_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	27	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	25	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	25	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	26	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	27	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	40	173.91	1	.	AD	NS	N	NS	Bacteria in water	5b

**Seg ID: 0606D - Black Fork Creek
AU ID: 0606D_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	7	.	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	7	.	0	.	LD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	25	406.22	1	.	AD	NS	N	NS	Bacteria in water	5b

**Seg ID: 0607 - Pine Island Bayou
AU ID: 0607_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	20	.	1	2.8	AD	FS	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	20	.	8	3.99	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	76	5.93	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	150	76	25.62	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	300	81	105.62	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	20	.	0	.	AD	FS	N	FS		
		Low pH	pH	12/01/15	11/30/22	6	20	.	0	.	AD	FS	N	FS	
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	4	.	0	.	LD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	26	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	26	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	26	.	1	1.22	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	20	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	76	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	20	55.15	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

**Seg ID: 0607 - Pine Island Bayou
AU ID: 0607_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	1	.	0	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	1	.	0	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	21	.	1	2.5	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	21	.	10	3.84	SM	CS	N	NA		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	76	5.93	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	150	76	25.62	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	300	81	105.62	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	21	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	21	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	25	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	25	.	3	1	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	25	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	4	.	0	.	LD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	21	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	76	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	20	78.56	0	.	AD	FS	N	FS		

**Seg ID: 0607 - Pine Island Bayou
AU ID: 0607_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	22	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	22	.	6	4.18	SM	CS	N	NA		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	76	5.93	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	150	76	25.62	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	300	81	105.62	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	22	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	22	.	1	5.8	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	4	.	0	.	LD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	23	.	3	1.18	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	23	.	3	0.47	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	23	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	22	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	76	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	23	178.5	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 0607 - Pine Island Bayou
AU ID: 0607_04**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	7	.	4	4.23	LD	NS	N	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	7	.	1	2.8	LD	NC	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	12	.	1	2.1	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	12	.	7	3.6	SM	CS	N	NA		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

**Seg ID: 0607 - Pine Island Bayou
AU ID: 0607_04**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	76	5.93	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	150	76	25.62	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	300	81	105.62	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	12	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	12	.	1	5.6	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	4	.	0	.	LD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	23	.	2	1.97	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	23	.	2	0.65	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	23	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	12	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	76	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/18/12	11/30/22	126	20	127.96	1	.	AD	CN	N	CN	Bacteria in water	

**Seg ID: 0607 - Pine Island Bayou
AU ID: 0607_05**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	150	76	25.62	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	76	5.93	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	300	81	105.62	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	76	0.12	0	.	AD	FS	N	FS		

**Seg ID: 0607A - Boggy Creek
AU ID: 0607A_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	13	.	5	3.38	AD	NS	N	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	13	.	3	1.5	AD	NS	N	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	29	.	1	2.9	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	29	.	7	3.86	SM	CS	N	NA		
	Habitat	Habitat	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Impaired habitat in water	
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	26	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	22	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	24	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	25	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	24	169.32	1	.	AD	NS	N	NS	Bacteria in water	5b

**Seg ID: 0607B - Little Pine Island Bayou
AU ID: 0607B_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	6	.	1	4.9	LD	NC	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	6	.	0	.	LD	NC	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	16	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	16	.	5	4.38	SM	CS	N	NA		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

Seg ID: 0607B - Little Pine Island Bayou

AU ID: 0607B_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	4	.	0	.	LD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	22	.	4	1.39	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	22	.	1	0.4	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	22	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	07/08/14	11/30/22	126	20	195.94	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0607B - Little Pine Island Bayou

AU ID: 0607B_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Depressed dissolved oxygen in water	
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

Seg ID: 0607C - Willow Creek

AU ID: 0607C_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	19	.	1	2.5	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	19	.	5	3.36	SM	CS	N	NA		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	4	.	0	.	LD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	23	.	3	1.2	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	23	.	2	0.55	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	23	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	20	301.65	1	.	AD	NS	N	NS	Bacteria in water	5b

Seg ID: 0608 - Village Creek

AU ID: 0608_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	25	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	25	.	0	.	AD	NC	N	NC			
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue		
	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c	
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	48	2.47	0	.	AD	FS	N	FS			
		Chloride	12/01/15	11/30/22	150	48	11.72	0	.	AD	FS	N	FS			
		Total dissolved solids	12/01/15	11/30/22	300	49	49.21	0	.	AD	FS	N	FS			
	High pH	pH	12/01/15	11/30/22	8	25	.	0	.	AD	FS	N	FS			
			12/01/15	11/30/22	5.5	25	.	0	.	AD	FS	N	FS			
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	24	.	0	.	AD	NC	N	NC			
			Total phosphorus	12/01/15	11/30/22	0.69	23	.	0	.	AD	NC	N	NC		
			Ammonia	12/01/15	11/30/22	0.33	21	.	0	.	AD	NC	N	NC		
			Nitrate	12/01/15	11/30/22	1.95	24	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	25	.	0	.	AD	FS	N	FS			

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

**Seg ID: 0608 - Village Creek
AU ID: 0608_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	23	0.1	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	48	0.1	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	23	75.28	0	.	AD	FS	N	FS		

**Seg ID: 0608 - Village Creek
AU ID: 0608_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	23	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	23	.	0	.	AD	NC	N	NC		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	48	2.47	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	150	48	11.72	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	300	49	49.21	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8	23	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	5.5	23	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	4	.	0	.	LD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	25	.	3	1.92	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	24	.	2	1.15	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	24	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	23	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	48	0.1	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	23	0.1	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	25	76.3	0	.	AD	FS	N	FS		

**Seg ID: 0608 - Village Creek
AU ID: 0608_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	48	2.47	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	300	49	49.21	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	150	48	11.72	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	23	0.1	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	48	0.1	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

Seg ID: 0608A - Beech Creek

AU ID: 0608A_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Acute Toxic Substances in water	Copper (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Copper in water	5c
	Chronic Toxic Substances in water	Lead (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	PI		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

Seg ID: 0608A - Beech Creek

AU ID: 0608A_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	3	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	3	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	22	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	22	.	1	3.1	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	42	4	45.84	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/15	11/30/22	20	3	20.17	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	30	3	26.28	.	.	AD	NS	N	CN	Impaired macrobenthic community in water	
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	4	.	0	.	LD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	25	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	25	.	1	0.4	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	24	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	21	201.95	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0608B - Big Sandy Creek

AU ID: 0608B_04

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	23	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	23	.	4	4.55	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	4	.	0	.	LD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	25	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	25	.	2	1.15	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	26	.	4	0.91	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	25	118.53	0	.	AD	FS	N	FS		

Seg ID: 0608C - Cypress Creek

AU ID: 0608C_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Chronic Toxic Substances in water	Lead (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	3	.	3	4.23	ID	NA	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	3	.	0	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	19	.	1	2.8	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	19	.	8	3.86	SM	CS	N	NA		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	42	3	45.75	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/15	11/30/22	14	3	18.83	.	.	AD	CS	N	CS	Impaired habitat in water	
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	30	3	27.71	.	.	AD	NS	N	CN	Impaired macrobenthic community in water	

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

**Seg ID: 0608C - Cypress Creek
AU ID: 0608C_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	4	.	0	.	LD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	24	.	1	1.98	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	23	.	2	0.55	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	23	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	04/09/15	11/30/22	126	20	155.01	1	.	AD	CN	N	CN	Bacteria in water	

**Seg ID: 0608D - Hickory Creek
AU ID: 0608D_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	26	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	4	.	0	.	LD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	26	.	2	1.06	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	25	.	4	0.83	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	25	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	121.05	0	.	AD	FS	N	FS		

**Seg ID: 0608E - Mill Creek in Hardin County
AU ID: 0608E_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	2	4	.	2	1.2	LD	CN	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	1.5	4	.	3	0.17	LD	NS	N	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	1.5	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	2	2	.	0	.	SM	NA	N	NA		

**Seg ID: 0608F - Turkey Creek
AU ID: 0608F_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	25	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	4	.	0	.	LD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	25	.	3	1.54	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	24	.	2	0.7	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	24	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	25	89.11	0	.	AD	FS	N	FS		

**Seg ID: 0608F - Turkey Creek
AU ID: 0608F_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	26	.	0	.	AD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

**Seg ID: 0608F - Turkey Creek
AU ID: 0608F_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	26	.	2	0.98	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	26	.	2	1.1	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	24	.	1	3.28	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	4	.	0	.	LD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	25	224.71	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 0608G - Lake Kimball
AU ID: 0608G_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c

**Seg ID: 0609 - Angelina River Below Sam Rayburn Reservoir
AU ID: 0609_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	26	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	26	.	0	.	AD	NC	N	NC	
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5c
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	26	14.25	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	70	26	9.6	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	250	26	74.64	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	26	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	4	.	0	.	LD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	25	.	3	1.19	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	26	.	1	0.7	AD	NC	N	NC		
Water Temperature	Nitrate	12/01/15	11/30/22	1.95	23	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	25	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	23	0.09	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	25	10.4	0	.	AD	FS	N	FS		

**Seg ID: 0610 - Sam Rayburn Reservoir
AU ID: 0610_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	24	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	24	.	0	.	AD	NC	N	NC	
	Toxic Substances in sediment	Nickel	12/01/15	11/30/22	48.6	50	.	1	1170	AD	NC	N	NC		
		Mercury	12/01/15	11/30/22	1.06	45	.	0	.	AD	NC	N	NC		
		Manganese	12/01/15	11/30/22	1100	48	.	11	1421.91	AD	NC	N	NC		
		Lead	12/01/15	11/30/22	128	50	.	0	.	AD	NC	N	NC		
		Copper	12/01/15	11/30/22	149	50	.	0	.	AD	NC	N	NC		
		Chromium	12/01/15	11/30/22	111	48	.	0	.	AD	NC	N	NC		
		Cadmium	12/01/15	11/30/22	4.98	51	.	0	.	AD	NC	N	NC		
		Arsenic	12/01/15	11/30/22	33	50	.	1	49	AD	NC	N	NC		
Iron	12/01/15	11/30/22	40000	45	.	17	49717.65	AD	CS	N	CS	Iron in sediment			

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

Seg ID: 0610 - Sam Rayburn Reservoir

AU ID: 0610_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Toxic Substances in sediment	Zinc	12/01/15	11/30/22	459	50	.	0	.	AD	NC	N	NC		
		Silver	12/01/15	11/30/22	1.7	51	.	0	.	AD	NC	N	NC		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Dioxins	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5c
		Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	259	15.6	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	259	11.17	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	264	83.22	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	26	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	26	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	125	0.11	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	263	0.07	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	25	1.05	0	.	AD	FS	N	FS		

Seg ID: 0610 - Sam Rayburn Reservoir

AU ID: 0610_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	25	.	0	.	AD	NC	N	NC		
	Toxic Substances in sediment	Iron	12/01/15	11/30/22	40000	45	.	17	49717.65	AD	CS	N	CS	Iron in sediment	
		Silver	12/01/15	11/30/22	1.7	51	.	0	.	AD	NC	N	NC		
		Nickel	12/01/15	11/30/22	48.6	50	.	1	1170	AD	NC	N	NC		
		Mercury	12/01/15	11/30/22	1.06	45	.	0	.	AD	NC	N	NC		
		Zinc	12/01/15	11/30/22	459	50	.	0	.	AD	NC	N	NC		
		Manganese	12/01/15	11/30/22	1100	48	.	11	1421.91	AD	NC	N	NC		
		Lead	12/01/15	11/30/22	128	50	.	0	.	AD	NC	N	NC		
		Copper	12/01/15	11/30/22	149	50	.	0	.	AD	NC	N	NC		
		Chromium	12/01/15	11/30/22	111	48	.	0	.	AD	NC	N	NC		
Cadmium	12/01/15	11/30/22	4.98	51	.	0	.	AD	NC	N	NC				
Arsenic	12/01/15	11/30/22	33	50	.	1	49	AD	NC	N	NC				
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5c
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	100	259	11.17	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	264	83.22	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	100	259	15.6	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	25	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	25	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	25	.	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

**Seg ID: 0610 - Sam Rayburn Reservoir
AU ID: 0610_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	263	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	125	0.11	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	25	1.6	0	.	AD	FS	N	FS		

**Seg ID: 0610 - Sam Rayburn Reservoir
AU ID: 0610_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	PI			
		Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	25	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	25	.	1	4.61	AD	NC	N	NC		
	Toxic Substances in sediment		Iron	12/01/15	11/30/22	40000	45	.	17	49717.65	AD	CS	N	CS	Iron in sediment	
			Zinc	12/01/15	11/30/22	459	50	.	0	.	AD	NC	N	NC		
			Silver	12/01/15	11/30/22	1.7	51	.	0	.	AD	NC	N	NC		
			Nickel	12/01/15	11/30/22	48.6	50	.	1	1170	AD	NC	N	NC		
			Mercury	12/01/15	11/30/22	1.06	45	.	0	.	AD	NC	N	NC		
			Manganese	12/01/15	11/30/22	1100	48	.	11	1421.91	AD	NC	N	NC		
			Lead	12/01/15	11/30/22	128	50	.	0	.	AD	NC	N	NC		
			Copper	12/01/15	11/30/22	149	50	.	0	.	AD	NC	N	NC		
			Chromium	12/01/15	11/30/22	111	48	.	0	.	AD	NC	N	NC		
Cadmium	12/01/15	11/30/22	4.98	51	.	0	.	AD	NC	N	NC					
Arsenic	12/01/15	11/30/22	33	50	.	1	49	AD	NC	N	NC					
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue		
	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c	
		Dioxins	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5c	
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	259	15.6	0	.	AD	FS	N	FS			
		Chloride	12/01/15	11/30/22	100	259	11.17	0	.	AD	FS	N	FS			
		Total dissolved solids	12/01/15	11/30/22	400	264	83.22	0	.	AD	FS	N	FS			
	High pH	pH	12/01/15	11/30/22	8.5	26	.	1	8.9	AD	FS	N	FS			
	Low pH	pH	12/01/15	11/30/22	6	26	.	0	.	AD	FS	N	FS			
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	26	.	0	.	AD	FS	N	FS				
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	125	0.11	0	.	AD	FS	N	FS			
		Nitrate	12/01/15	11/30/22	10	263	0.07	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	25	0.79	0	.	AD	FS	N	FS			

**Seg ID: 0610 - Sam Rayburn Reservoir
AU ID: 0610_04**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	26	.	0	.	AD	FS	N	FS			
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	26	.	1	4.6	AD	NC	N	NC		
	Toxic Substances in sediment		Iron	12/01/15	11/30/22	40000	45	.	17	49717.65	AD	CS	N	CS	Iron in sediment	
			Zinc	12/01/15	11/30/22	459	50	.	0	.	AD	NC	N	NC		
			Silver	12/01/15	11/30/22	1.7	51	.	0	.	AD	NC	N	NC		
			Nickel	12/01/15	11/30/22	48.6	50	.	1	1170	AD	NC	N	NC		
			Mercury	12/01/15	11/30/22	1.06	45	.	0	.	AD	NC	N	NC		
			Manganese	12/01/15	11/30/22	1100	48	.	11	1421.91	AD	NC	N	NC		
Lead	12/01/15	11/30/22	128	50	.	0	.	AD	NC	N	NC					

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

**Seg ID: 0610 - Sam Rayburn Reservoir
AU ID: 0610_04**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Toxic Substances in sediment	Copper	12/01/15	11/30/22	149	50	.	0	.	AD	NC	N	NC		
		Chromium	12/01/15	11/30/22	111	48	.	0	.	AD	NC	N	NC		
		Cadmium	12/01/15	11/30/22	4.98	51	.	0	.	AD	NC	N	NC		
		Arsenic	12/01/15	11/30/22	33	50	.	1	49	AD	NC	N	NC		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5c
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	259	15.6	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	264	83.22	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	259	11.17	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	27	.	2	8.65	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	27	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	263	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	125	0.11	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	27	1.17	0	.	AD	FS	N	FS		

**Seg ID: 0610 - Sam Rayburn Reservoir
AU ID: 0610_05**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	26	.	0	.	AD	NC	N	NC		
	Toxic Substances in sediment	Iron	12/01/15	11/30/22	40000	45	.	17	49717.65	AD	CS	N	CS	Iron in sediment	
		Zinc	12/01/15	11/30/22	459	50	.	0	.	AD	NC	N	NC		
		Silver	12/01/15	11/30/22	1.7	51	.	0	.	AD	NC	N	NC		
		Nickel	12/01/15	11/30/22	48.6	50	.	1	1170	AD	NC	N	NC		
		Mercury	12/01/15	11/30/22	1.06	45	.	0	.	AD	NC	N	NC		
		Manganese	12/01/15	11/30/22	1100	48	.	11	1421.91	AD	NC	N	NC		
		Lead	12/01/15	11/30/22	128	50	.	0	.	AD	NC	N	NC		
		Copper	12/01/15	11/30/22	149	50	.	0	.	AD	NC	N	NC		
		Chromium	12/01/15	11/30/22	111	48	.	0	.	AD	NC	N	NC		
		Cadmium	12/01/15	11/30/22	4.98	51	.	0	.	AD	NC	N	NC		
Arsenic	12/01/15	11/30/22	33	50	.	1	49	AD	NC	N	NC				
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5c
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	259	15.6	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	259	11.17	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	264	83.22	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	27	.	5	8.82	AD	NS	N	NS	High pH in water	5c
	Low pH	pH	12/01/15	11/30/22	6	27	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	27	.	0	.	AD	FS	N	FS			

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

Seg ID: 0610 - Sam Rayburn Reservoir

AU ID: 0610_05

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	263	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	125	0.11	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	27	1.01	0	.	AD	FS	N	FS		

Seg ID: 0610 - Sam Rayburn Reservoir

AU ID: 0610_06

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	25	.	0	.	AD	FS	N	FS			
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	25	.	1	3.8	AD	NC	N	NC		
	Toxic Substances in sediment		Iron	12/01/15	11/30/22	40000	45	.	17	49717.65	AD	CS	N	CS	Iron in sediment	
			Zinc	12/01/15	11/30/22	459	50	.	0	.	AD	NC	N	NC		
			Silver	12/01/15	11/30/22	1.7	51	.	0	.	AD	NC	N	NC		
			Nickel	12/01/15	11/30/22	48.6	50	.	1	1170	AD	NC	N	NC		
			Mercury	12/01/15	11/30/22	1.06	45	.	0	.	AD	NC	N	NC		
			Manganese	12/01/15	11/30/22	1100	48	.	11	1421.91	AD	NC	N	NC		
			Lead	12/01/15	11/30/22	128	50	.	0	.	AD	NC	N	NC		
			Copper	12/01/15	11/30/22	149	50	.	0	.	AD	NC	N	NC		
			Chromium	12/01/15	11/30/22	111	48	.	0	.	AD	NC	N	NC		
Cadmium	12/01/15	11/30/22	4.98	51	.	0	.	AD	NC	N	NC					
Arsenic	12/01/15	11/30/22	33	50	.	1	49	AD	NC	N	NC					
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue		
	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c	
		Dioxins	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5c	
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	259	15.6	0	.	AD	FS	N	FS			
		Chloride	12/01/15	11/30/22	100	259	11.17	0	.	AD	FS	N	FS			
		Total dissolved solids	12/01/15	11/30/22	400	264	83.22	0	.	AD	FS	N	FS			
	High pH	pH	12/01/15	11/30/22	8.5	25	.	1	8.9	AD	FS	N	FS			
	Low pH	pH	12/01/15	11/30/22	6	25	.	0	.	AD	FS	N	FS			
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	25	.	0	.	AD	FS	N	FS				
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	263	0.07	0	.	AD	FS	N	FS			
		Fluoride	12/01/15	11/30/22	4	125	0.11	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	24	42.19	0	.	AD	FS	N	FS			

Seg ID: 0610 - Sam Rayburn Reservoir

AU ID: 0610_07

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	37	.	0	.	AD	FS	N	FS			
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	37	.	2	3.55	AD	NC	N	NC		
	Toxic Substances in sediment		Iron	12/01/15	11/30/22	40000	45	.	17	49717.65	AD	CS	N	CS	Iron in sediment	
			Zinc	12/01/15	11/30/22	459	50	.	0	.	AD	NC	N	NC		
			Silver	12/01/15	11/30/22	1.7	51	.	0	.	AD	NC	N	NC		
			Nickel	12/01/15	11/30/22	48.6	50	.	1	1170	AD	NC	N	NC		
			Mercury	12/01/15	11/30/22	1.06	45	.	0	.	AD	NC	N	NC		
			Manganese	12/01/15	11/30/22	1100	48	.	11	1421.91	AD	NC	N	NC		
			Lead	12/01/15	11/30/22	128	50	.	0	.	AD	NC	N	NC		
			Copper	12/01/15	11/30/22	149	50	.	0	.	AD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

**Seg ID: 0610 - Sam Rayburn Reservoir
AU ID: 0610_07**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Toxic Substances in sediment	Chromium	12/01/15	11/30/22	111	48	.	0	.	AD	NC	N	NC		
		Cadmium	12/01/15	11/30/22	4.98	51	.	0	.	AD	NC	N	NC		
		Arsenic	12/01/15	11/30/22	33	50	.	1	49	AD	NC	N	NC		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5c
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	259	15.6	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	259	11.17	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	264	83.22	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	37	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	37	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	37	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	263	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	125	0.11	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	35	4.04	0	.	AD	FS	N	FS		

**Seg ID: 0610 - Sam Rayburn Reservoir
AU ID: 0610_08**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	20	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	20	.	0	.	AD	NC	N	NC		
	Toxic Substances in sediment	Iron	12/01/15	11/30/22	40000	45	.	17	49717.65	AD	CS	N	CS	Iron in sediment	
		Zinc	12/01/15	11/30/22	459	50	.	0	.	AD	NC	N	NC		
		Silver	12/01/15	11/30/22	1.7	51	.	0	.	AD	NC	N	NC		
		Nickel	12/01/15	11/30/22	48.6	50	.	1	1170	AD	NC	N	NC		
		Mercury	12/01/15	11/30/22	1.06	45	.	0	.	AD	NC	N	NC		
		Manganese	12/01/15	11/30/22	1100	48	.	11	1421.91	AD	NC	N	NC		
		Lead	12/01/15	11/30/22	128	50	.	0	.	AD	NC	N	NC		
		Copper	12/01/15	11/30/22	149	50	.	0	.	AD	NC	N	NC		
		Chromium	12/01/15	11/30/22	111	48	.	0	.	AD	NC	N	NC		
Cadmium	12/01/15	11/30/22	4.98	51	.	0	.	AD	NC	N	NC				
Arsenic	12/01/15	11/30/22	33	50	.	1	49	AD	NC	N	NC				
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5c
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	259	15.6	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	259	11.17	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	264	83.22	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	20	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	20	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	20	.	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

Seg ID: 0610 - Sam Rayburn Reservoir

AU ID: 0610_08

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	263	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	125	0.11	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	20	2.37	0	.	AD	FS	N	FS		

Seg ID: 0610 - Sam Rayburn Reservoir

AU ID: 0610_09

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	25	.	0	.	AD	FS	N	FS		
		Dissolved oxygen Grab	12/01/15	11/30/22	5	25	.	0	.	AD	NC	N	NC		
	Toxic Substances in sediment	Nickel	12/01/15	11/30/22	48.6	50	.	1	1170	AD	NC	N	NC		
		Mercury	12/01/15	11/30/22	1.06	45	.	0	.	AD	NC	N	NC		
		Manganese	12/01/15	11/30/22	1100	48	.	11	1421.91	AD	NC	N	NC		
		Lead	12/01/15	11/30/22	128	50	.	0	.	AD	NC	N	NC		
		Copper	12/01/15	11/30/22	149	50	.	0	.	AD	NC	N	NC		
		Chromium	12/01/15	11/30/22	111	48	.	0	.	AD	NC	N	NC		
		Cadmium	12/01/15	11/30/22	4.98	51	.	0	.	AD	NC	N	NC		
		Arsenic	12/01/15	11/30/22	33	50	.	1	49	AD	NC	N	NC		
		Iron	12/01/15	11/30/22	40000	45	.	17	49717.65	AD	CS	N	CS	Iron in sediment	
Zinc	12/01/15	11/30/22	459	50	.	0	.	AD	NC	N	NC				
Silver	12/01/15	11/30/22	1.7	51	.	0	.	AD	NC	N	NC				
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5c
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	259	15.6	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	259	11.17	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	264	83.22	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	25	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	25	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	25	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	263	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	125	0.11	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	25	1.64	0	.	AD	FS	N	FS		

Seg ID: 0610 - Sam Rayburn Reservoir

AU ID: 0610_10

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	26	.	0	.	AD	FS	N	FS		
		Dissolved oxygen Grab	12/01/15	11/30/22	5	26	.	1	4.33	AD	NC	N	NC		
	Toxic Substances in sediment	Iron	12/01/15	11/30/22	40000	45	.	17	49717.65	AD	CS	N	CS	Iron in sediment	
		Zinc	12/01/15	11/30/22	459	50	.	0	.	AD	NC	N	NC		
		Silver	12/01/15	11/30/22	1.7	51	.	0	.	AD	NC	N	NC		
		Nickel	12/01/15	11/30/22	48.6	50	.	1	1170	AD	NC	N	NC		
		Mercury	12/01/15	11/30/22	1.06	45	.	0	.	AD	NC	N	NC		
		Manganese	12/01/15	11/30/22	1100	48	.	11	1421.91	AD	NC	N	NC		
		Lead	12/01/15	11/30/22	128	50	.	0	.	AD	NC	N	NC		
Copper	12/01/15	11/30/22	149	50	.	0	.	AD	NC	N	NC				

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

**Seg ID: 0610 - Sam Rayburn Reservoir
AU ID: 0610_10**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Toxic Substances in sediment	Chromium	12/01/15	11/30/22	111	48	.	0	.	AD	NC	N	NC		
		Cadmium	12/01/15	11/30/22	4.98	51	.	0	.	AD	NC	N	NC		
		Arsenic	12/01/15	11/30/22	33	50	.	1	49	AD	NC	N	NC		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5c
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	259	15.6	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	259	11.17	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	264	83.22	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	26	.	1	5.9	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	263	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	125	0.11	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	25	6.83	0	.	AD	FS	N	FS		

**Seg ID: 0610A - Ayish Bayou
AU ID: 0610A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Chronic Toxic Substances in water	Lead (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	27	.	2	2.25	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	27	.	3	2.97	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	27	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	25	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	27	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	27	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	54	311.46	1	.	AD	NS	N	NS	Bacteria in water	5a

**Seg ID: 0610A - Ayish Bayou
AU ID: 0610A_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	28	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	23	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	26	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	28	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	28	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	28	382.62	1	.	AD	NS	N	NS	Bacteria in water	5a

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

Seg ID: 0610P - Bayou Carrizo

AU ID: 0610P_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	17	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	17	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	27	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	26	.	2	21.5	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	27	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	27	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	22	272.35	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0611 - Angelina River Above Sam Rayburn Reservoir

AU ID: 0611_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	33	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	33	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	130	18.73	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	125	130	20.06	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	250	129	122.64	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	33	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	33	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	34	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	25	.	1	14.4	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	34	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	31	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	32	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	130	0.24	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	25	0.11	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	32	221.47	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0611 - Angelina River Above Sam Rayburn Reservoir

AU ID: 0611_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	34	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	34	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	130	18.73	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	125	130	20.06	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	250	129	122.64	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	34	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	34	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	26	.	1	16.1	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	34	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	34	.	1	0.53	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	34	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	34	.	0	.	AD	FS	N	FS			

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

Seg ID: 0611 - Angelina River Above Sam Rayburn Reservoir

AU ID: 0611_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	130	0.24	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	25	0.11	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	34	87.66	0	.	AD	FS	N	FS		

Seg ID: 0611 - Angelina River Above Sam Rayburn Reservoir

AU ID: 0611_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Acute Toxic Substances in water	Aluminum (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	PI		
	Chronic Toxic Substances in water	Lead (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	27	.	1	4.8	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	130	18.73	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	125	130	20.06	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	250	129	122.64	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	27	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	27	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	21	.	1	17.1	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	27	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	27	.	0	.	AD	NC	N	NC		
Nitrate		12/01/15	11/30/22	1.95	27	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	27	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	25	0.11	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	130	0.24	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	27	159.84	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0611 - Angelina River Above Sam Rayburn Reservoir

AU ID: 0611_04

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	35	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	35	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	130	18.73	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	125	130	20.06	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	250	129	122.64	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	35	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	35	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	26	.	1	30	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	34	.	10	1.58	AD	CS	N	CS	Total Phosphorus in water	
		Ammonia	12/01/15	11/30/22	0.33	35	.	0	.	AD	NC	N	NC		
Nitrate		12/01/15	11/30/22	1.95	35	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	35	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	25	0.11	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	130	0.24	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	63	208.48	1	.	AD	NS	N	NS	Bacteria in water	5c

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

**Seg ID: 0611A - East Fork Angelina River
AU ID: 0611A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	35	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	35	.	1	4.5	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	23	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	36	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	36	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	37	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	59	217.53	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 0611A - East Fork Angelina River
AU ID: 0611A_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	37	.	1	1.8	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	37	.	1	1.8	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	24	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	38	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	36	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	37	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	30	235.69	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 0611B - La Nana Bayou
AU ID: 0611B_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	26	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	26	.	17	4.61	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/15	11/30/22	14.1	25	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	25	.	21	2.57	AD	CS	N	CS	Total Phosphorus in water	
		Ammonia	12/01/15	11/30/22	0.33	26	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	346.93	1	.	AD	NS	N	NS	Bacteria in water	5r

**Seg ID: 0611B - La Nana Bayou
AU ID: 0611B_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	27	.	1	3.8	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	21	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	26	.	1	4	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	27	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	27	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	38	658.46	1	.	AD	NS	N	NS	Bacteria in water	5r

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

**Seg ID: 0611B - La Nana Bayou
AU ID: 0611B_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	21	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	21	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	27	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	26	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	28	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	28	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	24	322.75	1	.	AD	NS	N	NS	Bacteria in water	5r

**Seg ID: 0611C - Mud Creek
AU ID: 0611C_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Acute Toxic Substances in water	Aluminum (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	PI		
	Chronic Toxic Substances in water	Lead (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	28	.	2	4.65	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	19	.	2	78.4	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	39	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	39	.	1	0.48	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	39	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	39	224.93	1	.	AD	NS	N	NS	Bacteria in water	5b

**Seg ID: 0611C - Mud Creek
AU ID: 0611C_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	39	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	39	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	24	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	41	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	42	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	42	.	1	2	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	42	141	1	.	AD	NS	N	NS	Bacteria in water	5b

**Seg ID: 0611D - West Mud Creek
AU ID: 0611D_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	50	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	50	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	50	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	50	.	14	1.23	AD	CS	N	CS	Ammonia in water	
		Nitrate	12/01/15	11/30/22	1.95	50	.	24	4.7	AD	CS	N	CS	Nitrate in water	

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

**Seg ID: 0611D - West Mud Creek
AU ID: 0611D_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	75	305.3	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 0611Q - Lake Nacogdoches
AU ID: 0611Q_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	54	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	54	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	26.7	49	.	0	.	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	54	.	1	0.25	JQ	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.11	56	.	2	0.16	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	56	.	0	.	JQ	NA	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	56	0.07	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	56	1.39	0	.	AD	FS	N	FS		

**Seg ID: 0611R - Lake Striker
AU ID: 0611R_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	54	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	54	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	26.7	46	.	0	.	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	52	.	0	.	JQ	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.11	54	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	54	.	0	.	JQ	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	54	2.68	0	.	AD	FS	N	FS		

**Seg ID: 0611V - Bowles Creek
AU ID: 0611V_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	9	.	1	1.7	LD	NC	N	NC		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	9	.	2	2.95	LD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	11	.	1	0.56	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	9	.	0	.	LD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	11	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	11	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	9	103.18	0	.	LD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

Seg ID: 0611W - Johnson Creek

AU ID: 0611W_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	8	.	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	8	.	1	4.3	LD	NC	N	NC		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	10	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	8	.	0	.	LD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	10	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	10	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	8	214.51	1	.	LD	CN	N	CN	Bacteria in water	

Seg ID: 0612 - Attoyac Bayou

AU ID: 0612_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	24	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	24	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	71	12.92	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	75	71	11.21	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	200	71	85.47	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	24	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	24	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	24	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	22	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	24	.	0	.	AD	NC	N	NC		
Nitrate		12/01/15	11/30/22	1.95	24	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	24	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	69	0.44	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	42	305.37	1	.	AD	NS	N	NS	Bacteria in water	5r

Seg ID: 0612 - Attoyac Bayou

AU ID: 0612_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	23	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	23	.	2	4.9	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	71	12.92	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	75	71	11.21	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	200	71	85.47	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	23	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	23	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	19	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	22	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	23	.	0	.	AD	NC	N	NC		
Nitrate		12/01/15	11/30/22	1.95	22	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	23	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	69	0.44	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

**Seg ID: 0612 - Attoyac Bayou
AU ID: 0612_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	23	205.66	1	.	AD	NS	N	NS	Bacteria in water	5r

**Seg ID: 0612 - Attoyac Bayou
AU ID: 0612_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	24	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	24	.	3	4.6	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	71	12.92	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	75	71	11.21	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	200	71	85.47	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	24	.	1	8.6	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	24	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	21	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	25	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	26	.	0	.	AD	NC	N	NC		
Nitrate		12/01/15	11/30/22	1.95	25	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	24	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	69	0.44	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	24	286.08	1	.	AD	NS	N	NS	Bacteria in water	5r

**Seg ID: 0612F - West Creek
AU ID: 0612F_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	28	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	23	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	27	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	27	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	28	270.17	1	.	AD	NS	N	NS	Bacteria in water	5b

**Seg ID: 0612G - Lake Naconiche
AU ID: 0612G_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	30	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	30	.	2	3.5	AD	NC	N	NC		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Methoxychlor	12/01/15	11/30/22	8.75	2	.	0	.	ID	NA	N	NA		
		Endosulfan II (beta)	12/01/15	11/30/22	3.5	2	.	0	.	ID	NA	N	NA		
		Endosulfan I (alpha)	12/01/15	11/30/22	3.5	1	.	0	.	ID	NA	N	NA		
		Endrin	12/01/15	11/30/22	0.53	2	.	0	.	ID	NA	N	NA		
		gamma-BHC (Lindane)	12/01/15	11/30/22	0.53	2	.	0	.	ID	NA	N	NA		
		PCBs	12/01/15	11/30/22	0.03	1	.	0	.	ID	NA	N	NA		
		Heptachlor epoxide	12/01/15	11/30/22	0.01	2	.	0	.	ID	NA	N	NA		
		Heptachlor	12/01/15	11/30/22	0.01	1	.	0	.	ID	NA	N	NA		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

**Seg ID: 0612G - Lake Naconiche
AU ID: 0612G_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Dieldrin	12/01/15	11/30/22	0	2	.	0	.	ID	NA	N	NA		
		DDT	12/01/15	11/30/22	0.16	2	.	0	.	ID	NA	N	NA		
		Toxaphene	12/01/15	11/30/22	0.05	2	.	0	.	ID	NA	N	NA		
		DDE	12/01/15	11/30/22	0.16	1	.	0	.	ID	NA	N	NA		
		DDD	12/01/15	11/30/22	0.23	2	.	0	.	ID	NA	N	NA		
		Endosulfan sulfate	12/01/15	11/30/22	3.5	2	.	0	.	ID	NA	N	NA		
		Chlordane	12/01/15	11/30/22	0.16	1	.	0	.	ID	NA	N	NA		
		Aldrin	12/01/15	11/30/22	0	2	.	0	.	ID	NA	N	NA		
		Selenium	12/01/15	11/30/22	4.38	2	.	0	.	ID	NA	N	NA		
		Mercury	12/01/15	11/30/22	0.53	2	.	1	1.85	ID	NA	N	NA		
		Lead	12/01/15	11/30/22	0.6	2	.	0	.	ID	NA	N	NA		
		Copper	12/01/15	11/30/22	250.5	2	.	0	.	ID	NA	N	NA		
		Chromium	12/01/15	11/30/22	5.25	2	.	0	.	ID	NA	N	NA		
		Cadmium	12/01/15	11/30/22	0.18	2	.	0	.	ID	NA	N	NA		
Arsenic	12/01/15	11/30/22	0.04	2	.	0	.	ID	NA	N	NA				
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	26.7	25	.	2	38.15	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	27	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	28	.	3	0.42	JQ	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.11	28	.	8	0.34	JQ	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	28	1.29	0	.	AD	FS	N	FS		

**Seg ID: 0613 - Lake Tyler/Lake Tyler East
AU ID: 0613_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	26	.	0	.	AD	NC	N	NC		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Selenium	12/01/15	11/30/22	4.38	8	.	0	.	LD	NC	N	NC		
		Mercury	12/01/15	11/30/22	0.53	8	.	0	.	LD	NC	N	NC		
		Lead	12/01/15	11/30/22	0.6	8	.	0	.	LD	NC	N	NC		
		Copper	12/01/15	11/30/22	250.5	8	.	0	.	LD	NC	N	NC		
		Chromium	12/01/15	11/30/22	5.25	8	.	0	.	LD	NC	N	NC		
		Cadmium	12/01/15	11/30/22	0.18	8	.	0	.	LD	NC	N	NC		
		Arsenic	12/01/15	11/30/22	0.04	8	.	4	0.25	LD	CS	N	CS	Arsenic in edible tissue	
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	61	6.04	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	59	8.74	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	200	64	56.75	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	26	.	0	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	26	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	58	0.06	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	61	0.11	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	08/18/14	11/30/22	126	20	1.52	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

Seg ID: 0613 - Lake Tyler/Lake Tyler East

AU ID: 0613_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	6	.	0	.	TR	NC	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	6	.	0	.	TR	NC	N	NA		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/15	11/30/22	0.53	8	.	0	.	LD	NC	N	NC		
		Lead	12/01/15	11/30/22	0.6	8	.	0	.	LD	NC	N	NC		
		Copper	12/01/15	11/30/22	250.5	8	.	0	.	LD	NC	N	NC		
		Chromium	12/01/15	11/30/22	5.25	8	.	0	.	LD	NC	N	NC		
		Cadmium	12/01/15	11/30/22	0.18	8	.	0	.	LD	NC	N	NC		
		Arsenic	12/01/15	11/30/22	0.04	8	.	4	0.25	LD	CS	N	CS	Arsenic in edible tissue	
		Selenium	12/01/15	11/30/22	4.38	8	.	0	.	LD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	61	6.04	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	59	8.74	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	200	64	56.75	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	6	.	0	.	TR	NC	N	NA		
	Low pH	pH	12/01/15	11/30/22	6.5	6	.	0	.	TR	NC	N	NA		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	6	.	0	.	TR	NC	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	58	0.06	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	61	0.11	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	4	3.77	0	.	TR	NA	N	NA		

Seg ID: 0613 - Lake Tyler/Lake Tyler East

AU ID: 0613_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	26	.	0	.	AD	NC	N	NC		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Cadmium	12/01/15	11/30/22	0.18	8	.	0	.	LD	NC	N	NC		
		Arsenic	12/01/15	11/30/22	0.04	8	.	4	0.25	LD	CS	N	CS	Arsenic in edible tissue	
		Selenium	12/01/15	11/30/22	4.38	8	.	0	.	LD	NC	N	NC		
		Mercury	12/01/15	11/30/22	0.53	8	.	0	.	LD	NC	N	NC		
		Lead	12/01/15	11/30/22	0.6	8	.	0	.	LD	NC	N	NC		
		Copper	12/01/15	11/30/22	250.5	8	.	0	.	LD	NC	N	NC		
		Chromium	12/01/15	11/30/22	5.25	8	.	0	.	LD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	200	64	56.75	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	61	6.04	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	59	8.74	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	26	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	26	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	58	0.06	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	61	0.11	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	08/18/14	11/30/22	126	20	1.9	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

Seg ID: 0613 - Lake Tyler/Lake Tyler East

AU ID: 0613_04

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	6	.	0	.	TR	NC	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	6	.	0	.	TR	NC	N	NA		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/15	11/30/22	0.53	8	.	0	.	LD	NC	N	NC		
		Lead	12/01/15	11/30/22	0.6	8	.	0	.	LD	NC	N	NC		
		Copper	12/01/15	11/30/22	250.5	8	.	0	.	LD	NC	N	NC		
		Chromium	12/01/15	11/30/22	5.25	8	.	0	.	LD	NC	N	NC		
		Cadmium	12/01/15	11/30/22	0.18	8	.	0	.	LD	NC	N	NC		
		Selenium	12/01/15	11/30/22	4.38	8	.	0	.	LD	NC	N	NC		
		Arsenic	12/01/15	11/30/22	0.04	8	.	4	0.25	LD	CS	N	CS	Arsenic in edible tissue	
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	61	6.04	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	200	64	56.75	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	59	8.74	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	6	.	0	.	TR	NC	N	NA		
	Low pH	pH	12/01/15	11/30/22	6.5	6	.	2	6.15	TR	CN	N	NA		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	6	.	0	.	TR	NC	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	58	0.06	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	61	0.11	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	4	9.78	0	.	TR	NA	N	NA		

Seg ID: 0614 - Lake Jacksonville

AU ID: 0614_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	27	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	29	5.34	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	29	8.5	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	750	32	53.24	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	27	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	27	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	27	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	26	0.06	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	29	0.11	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	11/19/13	11/30/22	126	20	2.54	0	.	AD	FS	N	FS		

Seg ID: 0614 - Lake Jacksonville

AU ID: 0614_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	5	.	0	.	TR	NC	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	5	.	0	.	TR	NC	N	NA		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

**Seg ID: 0614 - Lake Jacksonville
AU ID: 0614_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	750	32	53.24	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	75	29	5.34	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	29	8.5	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	5	.	0	.	TR	NC	N	NA		
	Low pH	pH	12/01/15	11/30/22	6.5	5	.	0	.	TR	NC	N	NA		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	5	.	0	.	TR	NC	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	26	0.06	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	29	0.11	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	3	12.23	0	.	TR	NA	N	NA		

**Seg ID: 0615 - Angelina River/Sam Rayburn Reservoir
AU ID: 0615_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Acute Toxic Substances in water	Aluminum (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	7	.	1	4.8	LD	NC	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	7	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	51	.	1	1.95	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	51	.	5	3.49	SM	NC	N	NA		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5c
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	51	21.89	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	150	51	20.23	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	58	127.28	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	51	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	51	.	9	6.31	AD	NS	N	NS	Low pH in water	5c
	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	52	.	2	1.34	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	52	.	3	24.37	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	46	.	0	.	AD	NC	N	NC		
Nitrate		12/01/15	11/30/22	1.95	52	.	1	2.1	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	51	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	52	0.35	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	51	0.11	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	48	168.92	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 0615A - Paper Mill Creek
AU ID: 0615A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Acute Toxic Substances in water	Aluminum (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	1.5	23	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	2	23	.	0	.	AD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 6 - Neches River

**Seg ID: 0615A - Paper Mill Creek
AU ID: 0615A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	24	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	22	.	6	33.5	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	24	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	21	.	2	0.57	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	22	364.74	1	.	AD	NS	N	NS	Bacteria in water	5b