

**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 2022 period of record is from 12/1/2013 to 11/30/2020. In some cases it may be necessary to extend the period of record back 10 years (12/1/2010) 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 2022 period of record dates are 12/1/2013 to 11/30/2020. In some cases more recently collected data than 12/01/2020 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.

**2022 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	12/01/13	11/30/20	0.01	0	.	.	.	ID	NA	Y	CN	Malathion in water		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	25	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	25	.	0	.	AD	NC	N	NC			
	Toxic Substances in sediment	Lead	Lead	12/01/13	11/30/20	218	70	.	0	.	AD	NC	N	NC		
		Silver	Silver	12/01/13	11/30/20	3.7	69	.	0	.	AD	NC	N	NC		
		Zinc	Zinc	12/01/13	11/30/20	410	69	.	0	.	AD	NC	N	NC		
		Arsenic	Arsenic	12/01/13	11/30/20	70	70	.	0	.	AD	NC	N	NC		
		Nickel	Nickel	12/01/13	11/30/20	51.6	69	.	0	.	AD	NC	N	NC		
		Cadmium	Cadmium	12/01/13	11/30/20	9.6	70	.	0	.	AD	NC	N	NC		
		Chromium	Chromium	12/01/13	11/30/20	370	68	.	0	.	AD	NC	N	NC		
Copper	Copper	12/01/13	11/30/20	270	70	.	0	.	AD	NC	N	NC				
Mercury	Mercury	12/01/13	11/30/20	0.71	65	.	0	.	AD	NC	N	NC				
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/13	11/30/20	4	104	0.19	0	.	AD	FS	N	FS			
		Nitrate	12/01/13	11/30/20	10	129	0.09	0	.	AD	FS	N	FS			
Fish Consumption Use	DSHS Limited Consumption Advisory	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a	
General Use	High pH	pH	12/01/13	11/30/20	8.5	26	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/13	11/30/20	6	26	.	0	.	AD	FS	N	FS			
	Nutrient Screening Levels	Ammonia	Ammonia	12/01/13	11/30/20	0.46	24	.	0	.	AD	NC	N	NC		
		Nitrate	Nitrate	12/01/13	11/30/20	1.1	26	.	0	.	AD	NC	N	NC		
		Total phosphorus	Total phosphorus	12/01/13	11/30/20	0.66	25	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	Chlorophyll-a	12/01/13	11/30/20	21	26	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	35	26	.	0	.	AD	FS	N	FS				
Recreation Use	Bacteria Geomean	Enterococcus	12/01/13	11/30/20	35	26	40.98	1	.	AD	NS	N	NS	Bacteria in water	5a	

**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	12/01/13	11/30/20	2	25	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	25	.	0	.	AD	NC	N	NC			
	Toxic Substances in sediment	Arsenic	Arsenic	12/01/13	11/30/20	70	70	.	0	.	AD	NC	N	NC		
		Cadmium	Cadmium	12/01/13	11/30/20	9.6	70	.	0	.	AD	NC	N	NC		
		Chromium	Chromium	12/01/13	11/30/20	370	68	.	0	.	AD	NC	N	NC		
		Zinc	Zinc	12/01/13	11/30/20	410	69	.	0	.	AD	NC	N	NC		
		Copper	Copper	12/01/13	11/30/20	270	70	.	0	.	AD	NC	N	NC		
		Mercury	Mercury	12/01/13	11/30/20	0.71	65	.	0	.	AD	NC	N	NC		
		Silver	Silver	12/01/13	11/30/20	3.7	69	.	0	.	AD	NC	N	NC		
		Nickel	Nickel	12/01/13	11/30/20	51.6	69	.	0	.	AD	NC	N	NC		
Lead	Lead	12/01/13	11/30/20	218	70	.	0	.	AD	NC	N	NC				
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/13	11/30/20	4	104	0.19	0	.	AD	FS	N	FS			
		Nitrate	12/01/13	11/30/20	10	129	0.09	0	.	AD	FS	N	FS			
Fish Consumption Use	DSHS Limited Consumption Advisory	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a	
General Use	High pH	pH	12/01/13	11/30/20	8.5	26	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/13	11/30/20	6	26	.	0	.	AD	FS	N	FS			

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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
General Use	Nutrient Screening Levels	Ammonia	12/01/13	11/30/20	0.46	25	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	21	26	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.66	25	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.1	26	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	35	26	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	Enterococcus	12/01/13	11/30/20	35	26	57.61	1	.	AD	NS	N	NS	Bacteria in water	5a

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	12/01/13	11/30/20	2	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	25	.	0	.	AD	NC	N	NC		
	Toxic Substances in sediment	Nickel	12/01/13	11/30/20	51.6	69	.	0	.	AD	NC	N	NC		
		Mercury	12/01/13	11/30/20	0.71	65	.	0	.	AD	NC	N	NC		
		Copper	12/01/13	11/30/20	270	70	.	0	.	AD	NC	N	NC		
		Arsenic	12/01/13	11/30/20	70	70	.	0	.	AD	NC	N	NC		
		Lead	12/01/13	11/30/20	218	70	.	0	.	AD	NC	N	NC		
		Silver	12/01/13	11/30/20	3.7	69	.	0	.	AD	NC	N	NC		
		Cadmium	12/01/13	11/30/20	9.6	70	.	0	.	AD	NC	N	NC		
		Chromium	12/01/13	11/30/20	370	68	.	0	.	AD	NC	N	NC		
Zinc	12/01/13	11/30/20	410	69	.	0	.	AD	NC	N	NC				
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	129	0.09	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	104	0.19	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS Limited Consumption Advisory	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
General Use	High pH	pH	12/01/13	11/30/20	8.5	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	26	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.1	26	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.46	25	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	21	26	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.66	25	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	35	26	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	Enterococcus	12/01/13	11/30/20	35	25	97.59	1	.	AD	NS	N	NS	Bacteria in water	5a

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	12/01/13	11/30/20	2	49	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	49	.	0	.	AD	NC	N	NC		
	Toxic Substances in sediment	Lead	12/01/13	11/30/20	218	70	.	0	.	AD	NC	N	NC		
		Silver	12/01/13	11/30/20	3.7	69	.	0	.	AD	NC	N	NC		
		Zinc	12/01/13	11/30/20	410	69	.	0	.	AD	NC	N	NC		
		Mercury	12/01/13	11/30/20	0.71	65	.	0	.	AD	NC	N	NC		
		Nickel	12/01/13	11/30/20	51.6	69	.	0	.	AD	NC	N	NC		
		Copper	12/01/13	11/30/20	270	70	.	0	.	AD	NC	N	NC		
		Chromium	12/01/13	11/30/20	370	68	.	0	.	AD	NC	N	NC		
		Cadmium	12/01/13	11/30/20	9.6	70	.	0	.	AD	NC	N	NC		
Arsenic	12/01/13	11/30/20	70	70	.	0	.	AD	NC	N	NC				

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**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
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	129	0.09	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	104	0.19	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS Limited Consumption Advisory	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
General Use	High pH	pH	12/01/13	11/30/20	8.5	50	.	0	.	AD	FS	N	FS		
		Low pH	pH	12/01/13	11/30/20	6	50	.	0	.	AD	FS	N	FS	
	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.1	51	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.66	49	.	1	1.51	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	21	30	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.46	50	.	2	0.75	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	35	50	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	Enterococcus	12/01/13	11/30/20	35	47	67.89	1	.	AD	NS	N	NS	Bacteria in water	5a

**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	12/01/13	11/30/20	0.01	0	.	.	.	ID	NA	Y	CN	Malathion in water		
		Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	25	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4	25	.	2	3.6	AD	NC	N	NC		
	Toxic Substances in sediment	Zinc	12/01/13	11/30/20	410	24	.	0	.	AD	NC	N	NC			
		Silver	12/01/13	11/30/20	3.7	24	.	0	.	AD	NC	N	NC			
		Mercury	12/01/13	11/30/20	0.71	23	.	0	.	AD	NC	N	NC			
		Nickel	12/01/13	11/30/20	51.6	24	.	0	.	AD	NC	N	NC			
		Lead	12/01/13	11/30/20	218	24	.	0	.	AD	NC	N	NC			
		Copper	12/01/13	11/30/20	270	24	.	0	.	AD	NC	N	NC			
		Cadmium	12/01/13	11/30/20	9.6	24	.	0	.	AD	NC	N	NC			
Arsenic	12/01/13	11/30/20	70	24	.	0	.	AD	NC	N	NC					
Chromium	12/01/13	11/30/20	370	24	.	0	.	AD	NC	N	NC					
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/13	11/30/20	21	24	.	2	31.7	AD	NC	N	NC			
		Total phosphorus	12/01/13	11/30/20	0.66	25	.	0	.	AD	NC	N	NC			
		Nitrate	12/01/13	11/30/20	1.1	26	.	0	.	AD	NC	N	NC			
		Ammonia	12/01/13	11/30/20	0.46	25	.	5	1.35	AD	NC	N	NC			
Recreation Use	Bacteria Geomean	Enterococcus	12/01/13	11/30/20	35	26	124.79	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)	12/01/13	11/30/20	991	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	44	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	44	.	1	4.8	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/13	11/30/20	4	25	0.1	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	94	0.07	0	.	AD	FS	N	FS		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	



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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	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	95	83.09	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	94	12.08	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	94	16.34	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	44	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	44	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	05/23/13	11/30/20	14.1	10	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	46	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	46	.	3	1.09	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	46	.	1	1.2	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.8	44	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	44	37.91	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	12/01/13	11/30/20	3	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	25	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	94	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	25	0.1	0	.	AD	FS	N	FS		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/13	11/30/20	0.53	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
		Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Chloride	12/01/13	11/30/20	50	94	12.08	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	200	95	83.09	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	94	16.34	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	26	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/13	11/30/20	14.1	26	.	4	17.6	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	23	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	24	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	26	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.8	26	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	22	46.85	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)	12/01/13	11/30/20	991	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	25	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	94	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	25	0.1	0	.	AD	FS	N	FS		

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**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
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	95	83.09	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	94	16.34	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	94	12.08	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	25	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	25	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	25	.	2	1.12	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	24	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	04/16/12	11/30/20	14.1	10	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	25	.	2	0.5	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.8	25	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	25	14.57	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
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	94	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	25	0.1	0	.	AD	FS	N	FS		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
		Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	95	83.09	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	94	12.08	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	94	16.34	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	12/01/13	11/30/20	3	23	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	23	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	26	0.05	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	26	0.1	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	50	26	15.67	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	200	26	88.43	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	26	12.61	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	26	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	FS	N	FS		
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	26	.	0	.	AD	FS	N	FS			

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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
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	24	7.3	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
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	26	0.05	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	26	0.1	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	50	26	15.67	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	200	26	88.43	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	26	12.61	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	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	12/01/13	11/30/20	3	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	25	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	25	.	3	1.48	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	24	.	1	2.22	AD	NC	N	NC		
		Chlorophyll-a	04/16/12	11/30/20	14.1	10	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	25	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	25	252.69	1	.	AD	NS	N	NS	Bacteria in water	5a

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	12/01/13	11/30/20	3	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	25	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	25	.	2	0.96	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	24	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	04/01/12	11/30/20	14.1	10	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	25	.	2	0.7	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	25	181.76	1	.	AD	NS	N	NS	Bacteria in water	5a



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**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	12/01/13	11/30/20	3	22	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	22	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	116	0.22	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	91	0.12	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	116	119.08	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	117	20.99	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	117	20.39	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	22	.	1	9.1	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	22	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	26	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	26	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	26	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	26	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.8	19	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	26	56.89	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	12/01/13	11/30/20	3	23	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	23	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	116	0.22	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	91	0.12	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	116	119.08	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	117	20.99	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	117	20.39	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	23	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	23	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	22	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	24	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	23	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	22	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.8	23	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	20	98.37	0	.	AD	FS	N	FS		

**2022 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	12/01/13	11/30/20	3	24	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	24	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/13	11/30/20	4	91	0.12	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	116	0.22	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	50	117	20.99	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	117	20.39	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	200	116	119.08	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	24	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	24	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	23	.	1	1.01	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	24	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	23	.	0	.	AD	NC	N	NC		
Chlorophyll-a		12/01/13	11/30/20	14.1	22	.	1	16.2	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	32.8	24	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	20	84.97	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	12/01/13	11/30/20	3	24	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	24	.	1	4.7	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	116	0.22	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	91	0.12	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	116	119.08	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	117	20.99	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	117	20.39	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	24	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	24	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	23	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	24	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	23	.	3	26.6	AD	NC	N	NC		
Ammonia		12/01/13	11/30/20	0.33	22	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	32.8	24	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	06/25/12	11/30/20	126	20	70.89	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	12/01/13	11/30/20	3	18	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	18	.	1	3.4	AD	NC	N	NC		

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**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
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	116	0.22	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	91	0.12	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	50	117	20.99	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	200	116	119.08	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	117	20.39	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	18	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	18	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	19	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	19	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	19	.	9	19.11	AD	CS	N	CS	Chlorophyll-a in water	
Water Temperature	Water temperature	12/01/13	11/30/20	32.8	18	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	01/23/12	11/30/20	126	20	82.94	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	12/01/13	11/30/20	3	53	.	2	1.65	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4	53	.	4	2.55	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	61	.	23	4.16	AD	CS	N	CS	Total Phosphorus in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	53	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	63	.	24	10.14	AD	CS	N	CS	Nitrate in water	
		Ammonia	12/01/13	11/30/20	0.33	63	.	7	1.52	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	54	279.7	1	.	AD	NS	N	NS	Bacteria in water	5a

**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 grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	56	.	1	1.3	AD	FS	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	56	.	8	2.35	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	54	.	1	0.73	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	56	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	46	.	2	23.2	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	56	.	4	0.67	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	56	186.67	1	.	AD	NS	N	NS	Bacteria in water	5c

**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)	12/01/13	11/30/20	0.81	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	62	.	1	1.3	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4	62	.	2	2.5	AD	NC	N	NC		

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**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
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	62	.	4	2.23	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	64	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	50	.	2	16.1	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	64	.	1	0.56	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	63	389.62	1	.	AD	NS	N	NS	Bacteria in water	5a

**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	12/01/13	11/30/20	3	17	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	17	.	1	4.5	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	27	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	28	.	1	0.41	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	23	.	2	17.05	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	28	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	19	433.16	1	.	LD	CN	N	CN	Bacteria in water	

**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)	12/01/13	11/30/20	991	0	.	.	.	ID	NA	Y	PI		
	Chronic Toxic Substances in water	Lead (dissolved)	12/01/13	11/30/20	0.81	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	82	.	1	1.8	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	82	.	3	3.67	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	82	.	17	1.7	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	85	.	4	5.43	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	85	.	1	0.39	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	75	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	83	262.02	1	.	AD	NS	N	NS	Bacteria in water	5a

**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)	12/01/13	11/30/20	991	0	.	.	.	ID	NA	Y	PI		
	Chronic Toxic Substances in water	Lead (dissolved)	12/01/13	11/30/20	0.81	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5b
General Use	Nutrient Screening Levels	Ammonia	12/01/13	11/30/20	0.33	0	.	.	.	ID	NA	Y	CS	Ammonia in water	

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**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	12/01/13	11/30/20	3	18	.	1	2.5	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	18	.	6	3.58	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	26	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	28	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	28	.	5	32.1	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	28	.	1	0.4	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	20	174.92	1	.	AD	NS	N	NS	Bacteria in water	5b

**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)	12/01/13	11/30/20	991	0	.	.	.	ID	NA	Y	PI		
	Chronic Toxic Substances in water	Lead (dissolved)	12/01/13	11/30/20	0.81	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	28	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	28	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	28	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	28	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	28	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	28	139.33	1	.	AD	CN	N	CN	Bacteria in water	

**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	12/01/13	11/30/20	3	7	.	3	2.07	LD	NS	N	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	2	7	.	2	1	LD	CN	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	36	.	5	1.04	SM	CN	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	36	.	6	1.22	SM	CS	N	NA		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	13	.	3	2.57	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	13	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/10	11/30/20	14.1	5	.	1	51.2	LD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	13	.	1	2.9	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	36	284.49	1	.	AD	NS	N	NS	Bacteria in water	5a

**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)	12/01/13	11/30/20	991	0	.	.	.	ID	NA	Y	PI		
	Chronic Toxic Substances in water	Lead (dissolved)	12/01/13	11/30/20	0.81	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	28	.	0	.	AD	NC	N	NC		



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**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	Total phosphorus	12/01/13	11/30/20	0.69	27	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	28	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	28	.	1	21.7	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	28	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	27	148.32	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	12/01/13	11/30/20	3	29	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	29	.	2	4.3	AD	NC	N	NC		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	0.37	29	.	0	.	JQ	NA	N	NA		
		Total phosphorus	12/01/13	11/30/20	0.2	27	.	0	.	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	28	.	2	33.6	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	29	.	0	.	JQ	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	29	6.31	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	12/01/13	11/30/20	3	27	.	1	1.8	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	27	.	3	2.88	AD	NC	N	NC		
	Toxic Substances in sediment	Manganese	12/01/13	11/30/20	1100	0	.	.	.	ID	NA	Y	CS	Manganese in sediment	
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	168	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	168	0.12	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	50	168	19.98	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	200	162	108.3	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	168	17.61	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	27	.	5	9.12	AD	NS	N	NS	High pH in water	5c
	Low pH	pH	12/01/13	11/30/20	6	27	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	CS	N	CS	Excessive algal growth in water	
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	27	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	22	1.56	0	.	AD	FS	N	FS		

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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	12/01/13	11/30/20	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	27	.	1	3.22	AD	NC	N	NC		
	Toxic Substances in sediment	Manganese	12/01/13	11/30/20	1100	0	.	.	.	ID	NA	Y	CS	Manganese in sediment	
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	168	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	168	0.12	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	162	108.3	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	168	19.98	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	168	17.61	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	27	.	5	8.95	AD	NS	N	NS	High pH in water	5b
	Low pH	pH	12/01/13	11/30/20	6	27	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	CS	N	CS	Excessive algal growth in water	
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	27	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	20	1.21	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	12/01/13	11/30/20	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	27	.	0	.	AD	NC	N	NC		
	Toxic Substances in sediment	Manganese	12/01/13	11/30/20	1100	0	.	.	.	ID	NA	Y	CS	Manganese in sediment	
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	168	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	168	0.12	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	162	108.3	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	168	19.98	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	168	17.61	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	27	.	6	8.7	AD	NS	N	NS	High pH in water	5b
	Low pH	pH	12/01/13	11/30/20	6	27	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	CS	N	CS	Excessive algal growth in water	
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	27	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	22	3	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	12/01/13	11/30/20	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	27	.	0	.	AD	NC	N	NC		
	Toxic Substances in sediment	Manganese	12/01/13	11/30/20	1100	0	.	.	.	ID	NA	Y	CS	Manganese in sediment	
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	168	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	168	0.12	0	.	AD	FS	N	FS		

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**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
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	50	168	19.98	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	200	162	108.3	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	168	17.61	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	27	.	6	8.84	AD	NS	N	NS	High pH in water	5b
	Low pH	pH	12/01/13	11/30/20	6	27	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	CS	N	CS	Excessive algal growth in water	
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	27	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	21	2.26	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	12/01/13	11/30/20	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	27	.	1	4.86	AD	NC	N	NC		
	Toxic Substances in sediment	Manganese	12/01/13	11/30/20	1100	0	.	.	.	ID	NA	Y	CS	Manganese in sediment	
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	168	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	168	0.12	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	162	108.3	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	168	19.98	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	168	17.61	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	27	.	5	8.78	AD	NS	N	NS	High pH in water	5b
	Low pH	pH	12/01/13	11/30/20	6	27	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	CS	N	CS	Excessive algal growth in water	
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	27	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	22	4.06	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	12/01/13	11/30/20	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	27	.	0	.	AD	NC	N	NC		
	Toxic Substances in sediment	Manganese	12/01/13	11/30/20	1100	0	.	.	.	ID	NA	Y	CS	Manganese in sediment	
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	168	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	168	0.12	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	162	108.3	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	168	19.98	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	168	17.61	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	27	.	3	8.7	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	27	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	CS	N	CS	Excessive algal growth in water	
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	27	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	20	2.09	0	.	AD	FS	N	FS		

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**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	12/01/13	11/30/20	3	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	2	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	29	.	1	1.33	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	29	.	2	1.77	SM	NC	N	NA		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	27	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	29	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	27	.	11	45.85	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	29	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	29	186.46	1	.	AD	NS	N	NS	Bacteria in water	5c

**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	12/01/13	11/30/20	3	26	.	4	2.2	AD	CN	N	CN	Depressed dissolved oxygen in water	
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	2	26	.	3	1.27	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	97	.	1	1.7	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	97	.	8	2.41	SM	NC	N	NA		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	90	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	97	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	97	.	3	0.68	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	90	.	11	38.88	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	104	267.23	1	.	AD	NS	N	NS	Bacteria in water	5c

**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	12/01/13	11/30/20	3	41	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	41	.	1	3.17	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	35	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	42	.	0	.	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	38	.	0	.	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	38	.	3	0.15	JQ	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	33	1.91	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	12/01/13	11/30/20	3	21	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4	21	.	1	3.8	AD	NC	N	NC		

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**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
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	43	1.37	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	42	0.14	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	46	182.01	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	42	30	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	42	34.29	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	21	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	21	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	19	.	6	1.01	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	20	.	10	4.56	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	20	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	21	.	4	0.93	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	35	21	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/10	11/30/20	126	19	188.25	1	.	LD	CN	Y	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)	12/01/13	11/30/20	56.65	0	.	.	.	ID	NA	Y	CN	Zinc in water	
	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CN	Depressed dissolved oxygen in water	
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	24	.	2	2.15	AD	FS	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4	24	.	4	2.83	SM	CS	N	NA		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/13	11/30/20	4	42	0.14	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	43	1.37	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	50	42	30	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	300	46	182.01	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	42	34.29	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	24	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	24	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	20	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	23	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	21	.	3	34.77	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	23	.	1	0.63	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	35	24	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	22	205.95	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	12/01/13	11/30/20	2	23	.	1	2.95	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	23	.	1	2.95	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	22	.	13	4.29	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	21	.	1	16.7	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	23	.	6	1.04	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	22	.	7	0.99	AD	CS	N	CS	Total Phosphorus in water	



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**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
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	40	194.09	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	12/01/13	11/30/20	3	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	25	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	24	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	25	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	23	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	23	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	37	157.19	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	07/19/11	11/30/20	3	10	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	07/19/11	11/30/20	4	10	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	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	12/01/13	11/30/20	3	21	.	2	2.75	AD	FS	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	21	.	9	3.91	AD	CS	N	CS	Depressed dissolved oxygen in water	
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	81	0.12	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	83	96.19	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	81	6.27	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	81	19.57	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	21	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	21	.	1	5.9	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	25	.	1	1.22	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	25	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	05/16/12	11/30/20	14.1	10	.	0	.	AD	NC	N	NC		
Ammonia		12/01/13	11/30/20	0.33	25	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	35	21	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	22	41.26	0	.	AD	FS	N	FS		

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**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	12/01/13	11/30/20	5	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	22	.	1	2.5	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	22	.	10	3.7	SM	CS	N	NA		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	81	0.12	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	83	96.19	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	81	6.27	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	81	19.57	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	22	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	22	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	24	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	24	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	05/16/12	11/30/20	14.1	10	.	0	.	AD	NC	N	NC		
Ammonia	12/01/13	11/30/20	0.33	24	.	2	0.95	AD	NC	N	NC				
Water Temperature	Water temperature	12/01/13	11/30/20	35	22	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	23	48.94	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	12/01/13	11/30/20	5	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	20	.	1	2.8	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	20	.	5	3.92	SM	CS	N	NA		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	81	0.12	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	83	96.19	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	81	6.27	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	81	19.57	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	20	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	20	.	1	5.8	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	22	.	3	1.18	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	22	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	10/01/11	11/30/20	14.1	10	.	0	.	AD	NC	N	NC		
Ammonia	12/01/13	11/30/20	0.33	22	.	2	0.45	AD	NC	N	NC				
Water Temperature	Water temperature	12/01/13	11/30/20	35	20	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	22	96.16	0	.	AD	FS	N	FS		

**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	12/01/13	11/30/20	5	2	.	0	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	2	.	0	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	13	.	1	2.1	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	13	.	7	3.43	SM	CS	N	NA		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	81	0.12	0	.	AD	FS	N	FS		

**2022 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	Total dissolved solids	12/01/13	11/30/20	300	83	96.19	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	81	6.27	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	81	19.57	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	13	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	13	.	1	5.6	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	23	.	2	1.97	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	23	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/10	11/30/20	14.1	10	.	1	22.1	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	23	.	1	0.8	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	35	13	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/10	11/30/20	126	18	.	1	.	LD	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
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	81	0.12	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	83	96.19	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	81	6.27	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	81	19.57	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	12/01/13	11/30/20	5	5	.	1	4	LD	NC	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	5	.	1	2.9	LD	NC	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	26	.	2	2.2	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	26	.	8	3.6	SM	CS	N	NA		
	Habitat	Habitat	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Impaired habitat in water	
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	25	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	27	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	27	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	24	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	24	181.25	1	.	AD	NS	N	NS	Bacteria in water	5c

**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	12/01/13	11/30/20	5	3	.	1	4.9	ID	NA	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	3	.	0	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	16	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	16	.	6	4.08	SM	CS	N	NA		

**2022 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	Total phosphorus	12/01/13	11/30/20	0.69	23	.	4	1.39	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	23	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/10	11/30/20	14.1	10	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	23	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/10	11/30/20	126	19	230.96	1	.	LD	CN	N	CN	Bacteria in water	

**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	12/01/13	11/30/20	3	0	.	.	.	ID	NA	Y	CN	Depressed dissolved oxygen in water	
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	0	.	.	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	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	12/01/13	11/30/20	5	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	18	.	1	2.5	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	18	.	6	3.6	SM	CS	N	NA		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	22	.	3	1.2	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	22	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/10	11/30/20	14.1	10	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	22	.	2	0.55	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	01/01/13	11/30/20	126	20	207.26	1	.	AD	NS	N	NS	Bacteria in water	5c

**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	12/01/13	11/30/20	3	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	25	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	49	0.09	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	25	0.09	0	.	AD	FS	N	FS		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/10	11/30/20	0.53	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	49	50.22	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	49	2.36	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	49	11.56	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	5.5	26	.	0	.	AD	FS	N	FS		

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**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
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	24	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	26	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	26	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	23	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	26	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	23	70.14	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	12/01/13	11/30/20	3	21	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	21	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	49	0.09	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	25	0.09	0	.	AD	FS	N	FS		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/10	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	49	50.22	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	49	2.36	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	49	11.56	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8	21	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	5.5	21	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	24	.	3	1.92	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	23	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/10	11/30/20	14.1	10	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	23	.	1	1.7	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	21	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	24	74.87	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
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	49	0.09	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	25	0.09	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	49	50.22	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	49	2.36	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	49	11.56	0	.	AD	FS	N	FS		



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**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)	12/01/13	11/30/20	1.89	0	.	.	.	ID	NA	Y	NS	Copper in water	5c
	Chronic Toxic Substances in water	Lead (dissolved)	12/01/13	11/30/20	0.28	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	3	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	3	.	0	.	ID	NA	N	NA		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	3	.	0	.	ID	NA	N	NA		
		Nitrate	12/01/13	11/30/20	1.95	3	.	0	.	ID	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.33	3	.	0	.	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	3	248.32	1	.	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	12/01/13	11/30/20	5	1	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	1	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	17	.	1	2.2	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	17	.	2	2.65	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	42	3	45	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/13	11/30/20	20	3	20	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	30	2	28	.	.	AD	NS	N	CN	Impaired macrobenthic community in water	
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	21	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	20	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	4	.	0	.	LD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	21	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/10	11/30/20	126	18	217.47	1	.	LD	CN	N	CN	Bacteria in water	

**Seg ID: 0608B - Big Sandy Creek  
AU ID: 0608B\_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	12/01/13	11/30/20	3	3	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	3	.	0	.	ID	NA	N	NA		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	3	.	0	.	ID	NA	N	NA		
		Nitrate	12/01/13	11/30/20	1.95	3	.	0	.	ID	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.33	3	.	0	.	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	3	20.58	0	.	ID	NA	N	NA		

**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	12/01/13	11/30/20	3	22	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	22	.	4	4.45	AD	CS	N	CS	Depressed dissolved oxygen in water	

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**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
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	25	.	4	0.91	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	24	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	03/13/12	11/30/20	14.1	10	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	24	.	1	0.4	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	22	100.7	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)	12/01/13	11/30/20	0.28	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	1	.	1	3.9	ID	NA	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	1	.	0	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	16	.	1	2.6	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	16	.	8	3.91	SM	CS	N	NA		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	36	3	46	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/13	11/30/20	14	3	19	.	.	AD	NC	N	NC		
Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	23	2	28	.	.	AD	FS	N	FS			
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	23	.	1	1.98	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	22	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/10	11/30/20	14.1	10	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	22	.	1	0.5	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	01/17/12	11/30/20	126	20	132.85	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	12/01/13	11/30/20	3	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	25	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	24	.	2	1.06	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	24	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	03/13/12	11/30/20	14.1	10	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	24	.	2	0.7	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	25	93.64	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	12/01/13	11/30/20	2	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	1.5	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5c

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**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	12/01/13	11/30/20	3	24	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	24	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	24	.	3	1.54	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	23	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/10	11/30/20	14.1	10	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	23	.	1	1	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	24	74.32	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	12/01/13	11/30/20	3	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	25	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	25	.	2	0.98	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	24	.	1	3.28	AD	NC	N	NC		
		Chlorophyll-a	12/01/10	11/30/20	14.1	10	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	25	.	2	1.1	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	24	139.19	1	.	AD	CN	N	CN	Bacteria in water	

**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	12/01/13	11/30/20	.	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	12/01/13	11/30/20	3	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	25	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	23	0.09	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	250	25	80.2	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	25	16.61	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	70	25	10.61	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	25	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	25	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	23	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	24	.	3	1.19	AD	NC	N	NC		
		Chlorophyll-a	04/16/12	11/30/20	14.1	10	.	0	.	AD	NC	N	NC		
Ammonia	12/01/13	11/30/20	0.33	25	.	0	.	AD	NC	N	NC				
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	24	.	0	.	AD	FS	N	FS			

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**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
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	24	7.19	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	12/01/13	11/30/20	3	23	.	0	.	AD	FS	N	FS			
		Dissolved oxygen Grab	12/01/13	11/30/20	5	23	.	1	4.73	AD	NC	N	NC			
	Toxic Substances in sediment		Zinc	12/01/13	11/30/20	459	51	.	0	.	AD	NC	N	NC		
			Silver	12/01/13	11/30/20	1.7	51	.	0	.	AD	NC	N	NC		
			Nickel	12/01/13	11/30/20	48.6	51	.	0	.	AD	NC	N	NC		
			Mercury	12/01/13	11/30/20	1.06	51	.	0	.	AD	NC	N	NC		
			Manganese	12/01/13	11/30/20	1100	49	.	17	1455.88	AD	CS	N	CS	Manganese in sediment	
			Lead	12/01/13	11/30/20	128	51	.	0	.	AD	NC	N	NC		
			Iron	12/01/13	11/30/20	40000	46	.	16	48718.75	AD	CS	N	CS	Iron in sediment	
			Copper	12/01/13	11/30/20	149	51	.	0	.	AD	NC	N	NC		
			Chromium	12/01/13	11/30/20	111	49	.	0	.	AD	NC	N	NC		
Cadmium			12/01/13	11/30/20	4.98	51	.	0	.	AD	NC	N	NC			
Arsenic	12/01/13	11/30/20	33	51	.	2	42.65	AD	NC	N	NC					
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	284	0.04	0	.	AD	FS	N	FS			
		Fluoride	12/01/13	11/30/20	4	127	0.1	0	.	AD	FS	N	FS			
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue		
		DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	OE	NS	N	NS	Mercury in edible tissue	5c	
			Dioxins	12/01/13	11/30/20	.	0	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a	
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	283	86.21	0	.	AD	FS	N	FS			
		Sulfate	12/01/13	11/30/20	100	280	17	0	.	AD	FS	N	FS			
		Chloride	12/01/13	11/30/20	100	280	11.32	0	.	AD	FS	N	FS			
	High pH	pH	12/01/13	11/30/20	8.5	26	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/13	11/30/20	6	26	.	0	.	AD	FS	N	FS			
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c	
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	26	.	0	.	AD	FS	N	FS				
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	23	1.07	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	12/01/13	11/30/20	3	30	.	0	.	AD	FS	N	FS			
		Dissolved oxygen Grab	12/01/13	11/30/20	5	30	.	1	4.7	AD	NC	N	NC			
	Toxic Substances in sediment		Zinc	12/01/13	11/30/20	459	51	.	0	.	AD	NC	N	NC		
			Silver	12/01/13	11/30/20	1.7	51	.	0	.	AD	NC	N	NC		
			Nickel	12/01/13	11/30/20	48.6	51	.	0	.	AD	NC	N	NC		
			Mercury	12/01/13	11/30/20	1.06	51	.	0	.	AD	NC	N	NC		
			Manganese	12/01/13	11/30/20	1100	49	.	17	1455.88	AD	CS	N	CS	Manganese in sediment	
			Lead	12/01/13	11/30/20	128	51	.	0	.	AD	NC	N	NC		
			Iron	12/01/13	11/30/20	40000	46	.	16	48718.75	AD	CS	N	CS	Iron in sediment	
			Copper	12/01/13	11/30/20	149	51	.	0	.	AD	NC	N	NC		
			Chromium	12/01/13	11/30/20	111	49	.	0	.	AD	NC	N	NC		
Cadmium			12/01/13	11/30/20	4.98	51	.	0	.	AD	NC	N	NC			

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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	Toxic Substances in sediment	Arsenic	12/01/13	11/30/20	33	51	.	2	42.65	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	284	0.04	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	127	0.1	0	.	AD	FS	N	FS		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	283	86.21	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	280	17	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	280	11.32	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	30	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	30	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	30	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	30	0.95	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)	12/01/13	11/30/20	0.1	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	24	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	24	.	1	4.61	AD	NC	N	NC		
	Toxic Substances in sediment	Silver	12/01/13	11/30/20	1.7	51	.	0	.	AD	NC	N	NC		
		Nickel	12/01/13	11/30/20	48.6	51	.	0	.	AD	NC	N	NC		
		Mercury	12/01/13	11/30/20	1.06	51	.	0	.	AD	NC	N	NC		
		Manganese	12/01/13	11/30/20	1100	49	.	17	1455.88	AD	CS	N	CS	Manganese in sediment	
		Lead	12/01/13	11/30/20	128	51	.	0	.	AD	NC	N	NC		
		Iron	12/01/13	11/30/20	40000	46	.	16	48718.75	AD	CS	N	CS	Iron in sediment	
		Zinc	12/01/13	11/30/20	459	51	.	0	.	AD	NC	N	NC		
		Copper	12/01/13	11/30/20	149	51	.	0	.	AD	NC	N	NC		
		Chromium	12/01/13	11/30/20	111	49	.	0	.	AD	NC	N	NC		
Cadmium	12/01/13	11/30/20	4.98	51	.	0	.	AD	NC	N	NC				
Arsenic	12/01/13	11/30/20	33	51	.	2	42.65	AD	NC	N	NC				
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	284	0.04	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	127	0.1	0	.	AD	FS	N	FS		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	283	86.21	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	280	17	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	280	11.32	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	26	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	26	.	0	.	AD	FS	N	FS			



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**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
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	25	0.99	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	12/01/13	11/30/20	3	28	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	28	.	1	4.6	AD	NC	N	NC			
	Toxic Substances in sediment	Zinc		12/01/13	11/30/20	459	51	.	0	.	AD	NC	N	NC		
		Silver		12/01/13	11/30/20	1.7	51	.	0	.	AD	NC	N	NC		
		Nickel		12/01/13	11/30/20	48.6	51	.	0	.	AD	NC	N	NC		
		Mercury		12/01/13	11/30/20	1.06	51	.	0	.	AD	NC	N	NC		
		Manganese		12/01/13	11/30/20	1100	49	.	17	1455.88	AD	CS	N	CS	Manganese in sediment	
		Lead		12/01/13	11/30/20	128	51	.	0	.	AD	NC	N	NC		
		Iron		12/01/13	11/30/20	40000	46	.	16	48718.75	AD	CS	N	CS	Iron in sediment	
		Copper		12/01/13	11/30/20	149	51	.	0	.	AD	NC	N	NC		
		Chromium		12/01/13	11/30/20	111	49	.	0	.	AD	NC	N	NC		
Cadmium		12/01/13	11/30/20	4.98	51	.	0	.	AD	NC	N	NC				
Arsenic		12/01/13	11/30/20	33	51	.	2	42.65	AD	NC	N	NC				
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	284	0.04	0	.	AD	FS	N	FS			
		Fluoride	12/01/13	11/30/20	4	127	0.1	0	.	AD	FS	N	FS			
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue		
	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c	
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a	
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	100	280	17	0	.	AD	FS	N	FS			
		Total dissolved solids	12/01/13	11/30/20	400	283	86.21	0	.	AD	FS	N	FS			
		Chloride	12/01/13	11/30/20	100	280	11.32	0	.	AD	FS	N	FS			
	High pH	pH	12/01/13	11/30/20	8.5	28	.	2	8.65	AD	FS	N	FS			
	Low pH	pH	12/01/13	11/30/20	6	28	.	0	.	AD	FS	N	FS			
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c	
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	24	.	0	.	AD	FS	N	FS				
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	28	0.85	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	12/01/13	11/30/20	3	28	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	28	.	0	.	AD	NC	N	NC			
	Toxic Substances in sediment	Nickel		12/01/13	11/30/20	48.6	51	.	0	.	AD	NC	N	NC		
		Mercury		12/01/13	11/30/20	1.06	51	.	0	.	AD	NC	N	NC		
		Manganese		12/01/13	11/30/20	1100	49	.	17	1455.88	AD	CS	N	CS	Manganese in sediment	
		Silver		12/01/13	11/30/20	1.7	51	.	0	.	AD	NC	N	NC		
		Lead		12/01/13	11/30/20	128	51	.	0	.	AD	NC	N	NC		
		Iron		12/01/13	11/30/20	40000	46	.	16	48718.75	AD	CS	N	CS	Iron in sediment	
		Zinc		12/01/13	11/30/20	459	51	.	0	.	AD	NC	N	NC		
		Copper		12/01/13	11/30/20	149	51	.	0	.	AD	NC	N	NC		
		Chromium		12/01/13	11/30/20	111	49	.	0	.	AD	NC	N	NC		
		Cadmium		12/01/13	11/30/20	4.98	51	.	0	.	AD	NC	N	NC		
	Arsenic		12/01/13	11/30/20	33	51	.	2	42.65	AD	NC	N	NC			

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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
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	284	0.04	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	127	0.1	0	.	AD	FS	N	FS		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	283	86.21	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	280	17	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	280	11.32	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	28	.	5	8.7	AD	NS	N	NS	High pH in water	5c
	Low pH	pH	12/01/13	11/30/20	6	28	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	24	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	28	1.16	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	12/01/13	11/30/20	3	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	25	.	1	3.8	AD	NC	N	NC		
	Toxic Substances in sediment	Zinc	12/01/13	11/30/20	459	51	.	0	.	AD	NC	N	NC		
		Silver	12/01/13	11/30/20	1.7	51	.	0	.	AD	NC	N	NC		
		Nickel	12/01/13	11/30/20	48.6	51	.	0	.	AD	NC	N	NC		
		Mercury	12/01/13	11/30/20	1.06	51	.	0	.	AD	NC	N	NC		
		Manganese	12/01/13	11/30/20	1100	49	.	17	1455.88	AD	CS	N	CS	Manganese in sediment	
		Lead	12/01/13	11/30/20	128	51	.	0	.	AD	NC	N	NC		
		Iron	12/01/13	11/30/20	40000	46	.	16	48718.75	AD	CS	N	CS	Iron in sediment	
		Copper	12/01/13	11/30/20	149	51	.	0	.	AD	NC	N	NC		
		Chromium	12/01/13	11/30/20	111	49	.	0	.	AD	NC	N	NC		
		Cadmium	12/01/13	11/30/20	4.98	51	.	0	.	AD	NC	N	NC		
Arsenic	12/01/13	11/30/20	33	51	.	2	42.65	AD	NC	N	NC				
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	284	0.04	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	127	0.1	0	.	AD	FS	N	FS		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	283	86.21	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	280	17	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	280	11.32	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	25	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	25	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	25	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	23	36.34	0	.	AD	FS	N	FS		

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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	12/01/13	11/30/20	3	45	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	45	.	4	3.88	AD	NC	N	NC			
	Toxic Substances in sediment	Nickel		12/01/13	11/30/20	48.6	51	.	0	.	AD	NC	N	NC		
		Mercury		12/01/13	11/30/20	1.06	51	.	0	.	AD	NC	N	NC		
		Manganese		12/01/13	11/30/20	1100	49	.	17	1455.88	AD	CS	N	CS	Manganese in sediment	
		Lead		12/01/13	11/30/20	128	51	.	0	.	AD	NC	N	NC		
		Iron		12/01/13	11/30/20	40000	46	.	16	48718.75	AD	CS	N	CS	Iron in sediment	
		Silver		12/01/13	11/30/20	1.7	51	.	0	.	AD	NC	N	NC		
		Zinc		12/01/13	11/30/20	459	51	.	0	.	AD	NC	N	NC		
		Copper		12/01/13	11/30/20	149	51	.	0	.	AD	NC	N	NC		
		Chromium		12/01/13	11/30/20	111	49	.	0	.	AD	NC	N	NC		
		Cadmium		12/01/13	11/30/20	4.98	51	.	0	.	AD	NC	N	NC		
Arsenic		12/01/13	11/30/20	33	51	.	2	42.65	AD	NC	N	NC				
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	284	0.04	0	.	AD	FS	N	FS			
		Fluoride	12/01/13	11/30/20	4	127	0.1	0	.	AD	FS	N	FS			
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue		
	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c	
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a	
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	283	86.21	0	.	AD	FS	N	FS			
		Sulfate	12/01/13	11/30/20	100	280	17	0	.	AD	FS	N	FS			
		Chloride	12/01/13	11/30/20	100	280	11.32	0	.	AD	FS	N	FS			
	High pH	pH	12/01/13	11/30/20	8.5	45	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/13	11/30/20	6	45	.	1	5.2	AD	FS	N	FS			
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c	
Recreation Use	Bacteria Geomean	Water Temperature	12/01/13	11/30/20	33.9	41	.	0	.	AD	FS	N	FS			
		E. coli	12/01/13	11/30/20	126	42	5.7	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	12/01/13	11/30/20	3	19	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	19	.	0	.	AD	NC	N	NC			
	Toxic Substances in sediment	Zinc		12/01/13	11/30/20	459	51	.	0	.	AD	NC	N	NC		
		Silver		12/01/13	11/30/20	1.7	51	.	0	.	AD	NC	N	NC		
		Nickel		12/01/13	11/30/20	48.6	51	.	0	.	AD	NC	N	NC		
		Mercury		12/01/13	11/30/20	1.06	51	.	0	.	AD	NC	N	NC		
		Manganese		12/01/13	11/30/20	1100	49	.	17	1455.88	AD	CS	N	CS	Manganese in sediment	
		Lead		12/01/13	11/30/20	128	51	.	0	.	AD	NC	N	NC		
		Iron		12/01/13	11/30/20	40000	46	.	16	48718.75	AD	CS	N	CS	Iron in sediment	
		Copper		12/01/13	11/30/20	149	51	.	0	.	AD	NC	N	NC		
		Chromium		12/01/13	11/30/20	111	49	.	0	.	AD	NC	N	NC		
		Cadmium		12/01/13	11/30/20	4.98	51	.	0	.	AD	NC	N	NC		
Arsenic		12/01/13	11/30/20	33	51	.	2	42.65	AD	NC	N	NC				
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	284	0.04	0	.	AD	FS	N	FS			
		Fluoride	12/01/13	11/30/20	4	127	0.1	0	.	AD	FS	N	FS			

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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
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	100	280	17	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	400	283	86.21	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	280	11.32	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	19	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	19	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	19	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/10	11/30/20	126	22	1.47	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	12/01/13	11/30/20	3	30	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	30	.	0	.	AD	NC	N	NC		
	Toxic Substances in sediment	Zinc	12/01/13	11/30/20	459	51	.	0	.	AD	NC	N	NC		
		Nickel	12/01/13	11/30/20	48.6	51	.	0	.	AD	NC	N	NC		
		Mercury	12/01/13	11/30/20	1.06	51	.	0	.	AD	NC	N	NC		
		Silver	12/01/13	11/30/20	1.7	51	.	0	.	AD	NC	N	NC		
		Manganese	12/01/13	11/30/20	1100	49	.	17	1455.88	AD	CS	N	CS	Manganese in sediment	
		Lead	12/01/13	11/30/20	128	51	.	0	.	AD	NC	N	NC		
		Iron	12/01/13	11/30/20	40000	46	.	16	48718.75	AD	CS	N	CS	Iron in sediment	
		Copper	12/01/13	11/30/20	149	51	.	0	.	AD	NC	N	NC		
		Chromium	12/01/13	11/30/20	111	49	.	0	.	AD	NC	N	NC		
		Cadmium	12/01/13	11/30/20	4.98	51	.	0	.	AD	NC	N	NC		
Arsenic	12/01/13	11/30/20	33	51	.	2	42.65	AD	NC	N	NC				
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	284	0.04	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	127	0.1	0	.	AD	FS	N	FS		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	283	86.21	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	280	17	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	280	11.32	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	30	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	30	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	30	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	30	1.01	0	.	AD	FS	N	FS		

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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	12/01/13	11/30/20	3	26	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	26	.	0	.	AD	NC	N	NC			
	Toxic Substances in sediment	Zinc		12/01/13	11/30/20	459	51	.	0	.	AD	NC	N	NC		
		Silver		12/01/13	11/30/20	1.7	51	.	0	.	AD	NC	N	NC		
		Nickel		12/01/13	11/30/20	48.6	51	.	0	.	AD	NC	N	NC		
		Mercury		12/01/13	11/30/20	1.06	51	.	0	.	AD	NC	N	NC		
		Manganese		12/01/13	11/30/20	1100	49	.	17	1455.88	AD	CS	N	CS	Manganese in sediment	
		Lead		12/01/13	11/30/20	128	51	.	0	.	AD	NC	N	NC		
		Iron		12/01/13	11/30/20	40000	46	.	16	48718.75	AD	CS	N	CS	Iron in sediment	
		Copper		12/01/13	11/30/20	149	51	.	0	.	AD	NC	N	NC		
		Chromium		12/01/13	11/30/20	111	49	.	0	.	AD	NC	N	NC		
		Cadmium		12/01/13	11/30/20	4.98	51	.	0	.	AD	NC	N	NC		
Arsenic		12/01/13	11/30/20	33	51	.	2	42.65	AD	NC	N	NC				
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	284	0.04	0	.	AD	FS	N	FS			
		Fluoride	12/01/13	11/30/20	4	127	0.1	0	.	AD	FS	N	FS			
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue		
	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c	
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a	
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	100	280	17	0	.	AD	FS	N	FS			
		Total dissolved solids	12/01/13	11/30/20	400	283	86.21	0	.	AD	FS	N	FS			
		Chloride	12/01/13	11/30/20	100	280	11.32	0	.	AD	FS	N	FS			
	High pH	pH	12/01/13	11/30/20	8.5	26	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/13	11/30/20	6	26	.	2	5.85	AD	FS	N	FS			
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c	
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	26	.	0	.	AD	FS	N	FS				
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	23	9.45	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)	12/01/13	11/30/20	0.59	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	28	.	3	1.8	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	28	.	4	2.28	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	28	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	28	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	28	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	26	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	55	298.1	1	.	AD	NS	N	NS	Bacteria in water	5c



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**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	12/01/13	11/30/20	3	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	28	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	26	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	28	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	22	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	26	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	28	369.51	1	.	AD	NS	N	NS	Bacteria in water	5c

**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	12/01/13	11/30/20	3	21	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	21	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/13	11/30/20	14.1	27	.	1	221	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	28	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	28	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	28	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	23	365.06	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	12/01/13	11/30/20	3	34	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	34	.	1	4.73	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	127	0.25	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	25	0.11	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	250	127	127.72	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	128	20.15	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	125	128	20.85	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	34	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	34	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	34	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	34	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	24	.	1	14.4	AD	NC	N	NC		
Ammonia	12/01/13	11/30/20	0.33	31	.	0	.	AD	NC	N	NC				
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	33	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	31	230.81	1	.	AD	NS	N	NS	Bacteria in water	5c

**2022 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
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	31	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	31	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	127	0.25	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	25	0.11	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	250	127	127.72	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	128	20.15	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	125	128	20.85	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	31	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	31	.	2	5.5	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	33	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	33	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	25	.	2	16.25	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	33	.	1	0.53	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	27	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	33	97.65	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)	12/01/13	11/30/20	991	0	.	.	.	ID	NA	Y	PI		
	Chronic Toxic Substances in water	Lead (dissolved)	12/01/13	11/30/20	0.74	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	26	.	1	4.8	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	127	0.25	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	25	0.11	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	250	127	127.72	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	128	20.15	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	125	128	20.85	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	26	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	26	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	26	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	20	.	2	20.65	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	26	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	23	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	26	149.27	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	12/01/13	11/30/20	3	35	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	35	.	1	4.6	AD	NC	N	NC		

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**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
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	127	0.25	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	25	0.11	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	250	127	127.72	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	128	20.15	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	125	128	20.85	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	35	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	35	.	1	5.9	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	34	.	12	1.69	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	35	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	26	.	0	.	AD	NC	N	NC		
Ammonia		12/01/13	11/30/20	0.33	35	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	31	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	63	213.83	1	.	AD	NS	N	NS	Bacteria in water	5c

**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	12/01/13	11/30/20	3	34	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	34	.	1	4.5	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	31	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	35	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	21	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	34	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	57	222.12	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	12/01/13	11/30/20	3	35	.	1	1.8	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	35	.	1	1.8	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	33	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	35	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	22	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	34	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	28	253.72	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	12/01/13	11/30/20	3	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4	28	.	0	.	AD	NC	N	NC		

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**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
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	27	.	19	2.49	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	28	.	14	4.55	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	27	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	28	.	2	0.75	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	28	373.13	1	.	AD	NS	N	NS	Bacteria in water	5b

**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	12/01/13	11/30/20	3	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4	28	.	2	3.75	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	27	.	1	4	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	28	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	22	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	28	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	39	669.19	1	.	AD	NS	N	NS	Bacteria in water	5b

**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	12/01/13	11/30/20	3	22	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	22	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	26	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	28	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	27	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	28	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	23	442.55	1	.	AD	NS	N	NS	Bacteria in water	5b

**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)	12/01/13	11/30/20	991	0	.	.	.	ID	NA	Y	PI		
	Chronic Toxic Substances in water	Lead (dissolved)	12/01/13	11/30/20	0.87	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	22	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	22	.	2	4.65	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	33	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	33	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	19	.	2	78.4	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	33	.	1	0.48	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	31	228.58	1	.	AD	NS	N	NS	Bacteria in water	5b

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**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	12/01/13	11/30/20	3	34	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	34	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	35	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	36	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	24	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	36	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	36	140.34	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	12/01/13	11/30/20	2	23	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	23	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	23	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	23	.	15	5.34	AD	CS	N	CS	Nitrate in water	
		Ammonia	12/01/13	11/30/20	0.33	23	.	4	0.57	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	48	308.25	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	12/01/13	11/30/20	3	56	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	56	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	56	0.07	0	.	AD	FS	N	FS		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	54	.	1	0.25	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	56	.	0	.	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	51	.	0	.	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	56	.	2	0.16	JQ	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	56	1.16	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	12/01/13	11/30/20	3	56	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	56	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	54	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	56	.	0	.	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	48	.	2	49.95	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	56	.	0	.	JQ	NA	N	NA		



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**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
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	56	2.78	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	12/01/13	11/30/20	3	14	.	2	1.9	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	14	.	4	2.95	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	18	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	18	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	16	.	2	40.85	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	18	.	2	1.33	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/10	11/30/20	126	15	64.97	0	.	LD	NC	N	NC		

**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	12/01/13	11/30/20	3	13	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	13	.	1	4.3	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	17	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	17	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	15	.	1	22	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	17	.	1	0.47	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/10	11/30/20	126	14	99.4	0	.	LD	NC	N	NC		

**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	12/01/13	11/30/20	3	25	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	25	.	0	.	AD	NC	N	NC			
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	89	0.38	0	.	AD	FS	N	FS			
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	75	93.87	0	.	AD	FS	N	FS			
		Sulfate	12/01/13	11/30/20	50	75	15.43	0	.	AD	FS	N	FS			
		Chloride	12/01/13	11/30/20	75	75	12.05	0	.	AD	FS	N	FS			
	High pH	pH	High pH	12/01/13	11/30/20	8.5	25	.	0	.	AD	FS	N	FS		
			Low pH	12/01/13	11/30/20	6	25	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels		Total phosphorus	12/01/13	11/30/20	0.69	23	.	0	.	AD	NC	N	NC		
			Nitrate	12/01/13	11/30/20	1.95	25	.	0	.	AD	NC	N	NC		
			Chlorophyll-a	12/01/13	11/30/20	14.1	25	.	0	.	AD	NC	N	NC		
			Ammonia	12/01/13	11/30/20	0.33	25	.	0	.	AD	NC	N	NC		
Water Temperature		Water temperature	12/01/13	11/30/20	32.2	21	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	43	273.49	1	.	AD	NS	N	NS	Bacteria in water	5c	

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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	12/01/13	11/30/20	3	39	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	39	.	3	4.6	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	89	0.38	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	75	93.87	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	75	15.43	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	75	12.05	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	39	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	39	.	2	5.25	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	38	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	39	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	21	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	39	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	33	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	39	177.25	1	.	AD	NS	N	NS	Bacteria in water	5c

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	12/01/13	11/30/20	3	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	25	.	1	4.9	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	89	0.38	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	75	93.87	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	75	15.43	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	75	12.05	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	25	.	1	8.6	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	25	.	1	5.7	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	27	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	28	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	23	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	28	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	21	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	25	294.38	1	.	AD	NS	N	NS	Bacteria in water	5c

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	12/01/13	11/30/20	2	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	28	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	27	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	28	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	23	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	28	.	0	.	AD	NC	N	NC		

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**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
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	28	229.69	1	.	AD	NS	N	NS	Bacteria in water	5c

**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	12/01/13	11/30/20	3	30	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	30	.	3	3.97	AD	NC	N	NC		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Toxaphene	12/01/13	11/30/20	0.05	2	.	0	.	ID	NA	N	NA		
		Selenium	12/01/13	11/30/20	4.38	2	.	0	.	ID	NA	N	NA		
		PCBs	12/01/13	11/30/20	0.03	1	.	0	.	ID	NA	N	NA		
		Methoxychlor	12/01/13	11/30/20	8.75	2	.	0	.	ID	NA	N	NA		
		Mercury	12/01/13	11/30/20	0.53	2	.	1	1.85	ID	NA	N	NA		
		Heptachlor epoxide	12/01/13	11/30/20	0.01	2	.	0	.	ID	NA	N	NA		
		Heptachlor	12/01/13	11/30/20	0.01	1	.	0	.	ID	NA	N	NA		
		gamma-BHC (Lindane)	12/01/13	11/30/20	0.53	2	.	0	.	ID	NA	N	NA		
		Endrin	12/01/13	11/30/20	0.53	2	.	0	.	ID	NA	N	NA		
		Endosulfan sulfate	12/01/13	11/30/20	3.5	2	.	0	.	ID	NA	N	NA		
		Endosulfan II (beta)	12/01/13	11/30/20	3.5	2	.	0	.	ID	NA	N	NA		
		Endosulfan I (alpha)	12/01/13	11/30/20	3.5	1	.	0	.	ID	NA	N	NA		
		Lead	12/01/13	11/30/20	0.6	2	.	0	.	ID	NA	N	NA		
		Dieldrin	12/01/13	11/30/20	0	2	.	0	.	ID	NA	N	NA		
		DDT	12/01/13	11/30/20	0.16	2	.	0	.	ID	NA	N	NA		
		DDE	12/01/13	11/30/20	0.16	1	.	0	.	ID	NA	N	NA		
		DDD	12/01/13	11/30/20	0.23	2	.	0	.	ID	NA	N	NA		
		Copper	12/01/13	11/30/20	250.5	2	.	0	.	ID	NA	N	NA		
Chromium	12/01/13	11/30/20	5.25	2	.	0	.	ID	NA	N	NA				
Chlordane	12/01/13	11/30/20	0.16	1	.	0	.	ID	NA	N	NA				
Cadmium	12/01/13	11/30/20	0.18	2	.	0	.	ID	NA	N	NA				
Arsenic	12/01/13	11/30/20	0.04	2	.	0	.	ID	NA	N	NA				
Aldrin	12/01/13	11/30/20	0	2	.	0	.	ID	NA	N	NA				
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	27	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	28	.	2	0.54	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	26	.	2	38.15	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	28	.	7	0.44	JQ	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	28	1.6	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	12/01/13	11/30/20	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	26	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	75	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	76	0.11	0	.	AD	FS	N	FS		

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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
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	80	64.63	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	76	8.1	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	76	10.21	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	26	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	26	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	05/29/13	11/30/20	126	20	2.02	0	.	AD	FS	N	FS		

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	12/01/13	11/30/20	3	14	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	14	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	75	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	76	0.11	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	80	64.63	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	76	8.1	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	76	10.21	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	14	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	14	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	14	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/10	11/30/20	126	18	1.85	0	.	LD	NC	N	NC		

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	12/01/13	11/30/20	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	26	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	75	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	76	0.11	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	80	64.63	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	76	8.1	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	76	10.21	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	26	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	26	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	08/05/13	11/30/20	126	20	2.23	0	.	AD	FS	N	FS		

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**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	12/01/13	11/30/20	3	14	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	14	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	75	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	76	0.11	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	80	64.63	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	76	8.1	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	76	10.21	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	14	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	14	.	2	6.15	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	14	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/10	11/30/20	126	19	3.7	0	.	LD	NC	N	NC		

**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	12/01/13	11/30/20	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	27	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	37	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	38	0.1	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	750	40	54.31	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	38	6.6	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	38	8.48	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	27	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	27	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	27	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	08/22/12	11/30/20	126	20	2.61	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	12/01/13	11/30/20	3	13	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	13	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	37	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	38	0.1	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	750	40	54.31	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	38	6.6	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	38	8.48	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	13	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	13	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	13	.	0	.	AD	FS	N	FS		



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**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
Recreation Use	Bacteria Geomean	E. coli	12/01/10	11/30/20	126	16	2.19	0	.	LD	NC	N	NC		

**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)	12/01/13	11/30/20	991	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	48	.	2	1.08	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	48	.	6	3.21	SM	CS	N	NA		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	47	0.32	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	47	0.12	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	100	47	21.9	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	500	46	129.65	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	47	19.91	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	48	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	48	.	5	6.23	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	48	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	47	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	46	.	3	24.37	AD	NC	N	NC		
Ammonia	12/01/13	11/30/20	0.33	42	.	0	.	AD	NC	N	NC				
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	48	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	43	130.45	1	.	AD	CN	N	CN	Bacteria in water	

**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)	12/01/13	11/30/20	991	0	.	.	.	ID	NA	Y	PI		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	1.5	24	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	2	24	.	1	1.8	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	24	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	24	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	21	.	5	29.36	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	21	.	2	0.57	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	21	321.66	1	.	AD	NS	N	NS	Bacteria in water	5b