

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 8 - Trinity River

**Seg ID: 0801 - Trinity River Tidal
AU ID: 0801_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	19	.	1	2.86	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4	19	.	1	2.86	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/13	11/30/20	4	18	0.21	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	18	0.63	0	.	AD	FS	N	FS		
General Use	High pH	pH	12/01/13	11/30/20	9	19	.	0	.	AD	FS	N	FS		
		Low pH	pH	12/01/13	11/30/20	6.5	19	.	0	.	AD	FS	N	FS	
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.66	15	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.1	18	.	1	7.64	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.46	18	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	21	19	.	7	30.36	AD	CS	N	CS	Chlorophyll-a in water	
Water Temperature	Water temperature	12/01/13	11/30/20	35	19	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	Enterococcus	06/01/13	11/30/20	35	20	7.97	0	.	AD	FS	N	FS		

**Seg ID: 0801 - Trinity River Tidal
AU ID: 0801_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	Fluoride	12/01/13	11/30/20	4	18	0.21	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	18	0.63	0	.	AD	FS	N	FS		

**Seg ID: 0801B - Old River
AU ID: 0801B_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	11	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	11	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/13	11/30/20	14.1	12	.	9	40.11	AD	CS	N	CS	Chlorophyll-a in water	
		Nitrate	12/01/13	11/30/20	1.95	11	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	11	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	11	.	0	.	AD	NC	N	NC		

**Seg ID: 0801C - Cotton Bayou Tidal
AU ID: 0801C_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	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4	22	.	4	3.48	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.1	22	.	4	1.35	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.46	21	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.66	19	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	21	22	.	8	33.9	AD	CS	N	CS	Chlorophyll-a in water	
Recreation Use	Bacteria Geomean	Enterococcus	10/01/13	11/30/20	35	20	81.17	1	.	AD	NS	N	NS	Bacteria in water	5b

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0801D - Lynchburg Canal
AU ID: 0801D_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	Silver (ionic)	12/01/13	11/30/20	0.8	10	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	143.49	10	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/13	11/30/20	991	10	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	573.17	10	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	83.69	10	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	692.96	10	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	10.83	10	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	10	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	17.79	10	.	0	.	AD	FS	N	FS		
	Selenium	12/01/13	11/30/20	20	10	.	0	.	AD	FS	N	FS			
	Chronic Toxic Substances in water	Copper (dissolved)	12/01/13	11/30/20	8.16	10	1.93	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	150	10	2.42	0	.	AD	FS	N	FS		
		Selenium	12/01/13	11/30/20	5	10	1.66	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	44.87	10	5	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.08	10	0.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.22	10	0.11	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	64.25	10	5	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	11	.	0	.	AD	FS	N	FS		
Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	11	.	0	.	AD	NC	N	NC			
Fish Consumption Use	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	38.3	10	0.5	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	11400	10	5	0	.	AD	FS	N	FS		
General Use	Nutrient Screening Levels	Ammonia	12/01/13	11/30/20	0.33	11	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	11	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	11	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	11	.	7	26.57	AD	CS	N	CS	Chlorophyll-a in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	11	11.3	0	.	LD	NC	N	NC		

Seg ID: 0801E - Cotton Bayou Above Tidal
AU ID: 0801E_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	.	1	1.7	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	22	.	5	4.08	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/13	11/30/20	14.1	21	.	9	45.61	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	22	.	6	0.62	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	20	.	12	1.66	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	23	.	17	8.86	AD	CS	N	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	1	380	1	.	ID	NA	N	NA		

Seg ID: 0802 - Trinity River Below Lake Livingston
AU ID: 0802_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		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0802 - Trinity River Below Lake Livingston

AU ID: 0802_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	Cadmium (dissolved)	12/01/13	11/30/20	5	12	0.15	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	12	2.28	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	46	0.2	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	12	0.5	0	.	AD	FS	N	FS		
		Selenium	12/01/13	11/30/20	50	11	1.68	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	145	0.36	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	12	5	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS Limited Consumption Advisory	Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
		PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	1.15	12	0.5	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	12	5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	600	182	209.38	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	147	32.44	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	125	147	24.17	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	24	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	24	.	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	19	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	22	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	21	.	13	27.73	AD	CS	N	CS	Chlorophyll-a in water	
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	23	19.78	0	.	AD	FS	N	FS		

Seg ID: 0802 - Trinity River Below Lake Livingston

AU ID: 0802_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	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	Fluoride	12/01/13	11/30/20	4	46	0.2	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	12	5	0	.	AD	FS	N	FS		
		Selenium	12/01/13	11/30/20	50	11	1.68	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	145	0.36	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	12	2.28	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	12	0.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	12	0.15	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
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	1.15	12	0.5	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	12	5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	100	147	32.44	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	600	182	209.38	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	125	147	24.17	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		
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	26	.	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0802 - Trinity River Below Lake Livingston
AU ID: 0802_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	Nickel (dissolved)	12/01/13	11/30/20	332	12	5	0	.	AD	FS	N	FS		
		Selenium	12/01/13	11/30/20	50	11	1.68	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	12	0.5	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	12	2.28	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	145	0.36	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	46	0.2	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	12	0.15	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS Limited Consumption Advisory	Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
		PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	12	5	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	12	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	100	147	32.44	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	600	182	209.38	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	125	147	24.17	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	24	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	24	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	19	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	22	.	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	22	.	11	26.45	AD	CS	N	CS	Chlorophyll-a in water	
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	24	25.71	0	.	AD	FS	N	FS		

**Seg ID: 0802 - Trinity River Below Lake Livingston
AU ID: 0802_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	Acute Toxic Substances in water	Aluminum (dissolved)	12/01/13	11/30/20	991	11	.	0	.	AD	FS	N	FS			
		Selenium	12/01/13	11/30/20	20	10	.	0	.	AD	FS	N	FS			
		Silver (ionic)	12/01/13	11/30/20	0.8	11	.	1	2.32	AD	FS	N	FS			
		Nickel (dissolved)	12/01/13	11/30/20	511.46	11	.	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	72.34	11	.	0	.	AD	FS	N	FS			
		Zinc (dissolved)	12/01/13	11/30/20	128.01	11	.	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/13	11/30/20	15.67	11	.	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	620.6	11	.	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	9.5	11	.	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/13	11/30/20	340	11	.	0	.	AD	FS	N	FS			
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	112.1	11	4.18	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	2.35	11	0.5	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/13	11/30/20	49.35	11	5	0	.	AD	FS	N	FS			
		Selenium	12/01/13	11/30/20	5	10	1.75	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/13	11/30/20	8.98	11	1.7	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	70.45	11	5	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	0.24	11	0.12	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/13	11/30/20	150	11	2.35	0	.	AD	FS	N	FS			
		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		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0802 - Trinity River Below Lake Livingston

AU ID: 0802_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	Selenium	12/01/13	11/30/20	50	11	1.68	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	12	5	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	145	0.36	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	46	0.2	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	12	0.5	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	12	2.28	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	12	0.15	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
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	1.15	12	0.5	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	12	5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	100	147	32.44	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	600	182	209.38	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	125	147	24.17	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	23	.	0	.	AD	FS	N	FS		
		Low pH	pH	12/01/13	11/30/20	6.5	23	.	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	22	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	23	.	7	23.71	AD	CS	N	CS	Chlorophyll-a in water	
		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	33.9	23	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	23	9.77	0	.	AD	FS	N	FS		

Seg ID: 0802 - Trinity River Below Lake Livingston

AU ID: 0802_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	80	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	80	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Selenium	12/01/13	11/30/20	50	11	1.68	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	12	2.28	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	46	0.2	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	145	0.36	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	12	5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	12	0.15	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	12	0.5	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS Limited Consumption Advisory	Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
		PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	12	5	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	12	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	600	182	209.38	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	147	32.44	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	125	147	24.17	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	80	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	80	.	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0802 - Trinity River Below Lake Livingston

AU ID: 0802_05

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Ammonia	12/01/13	11/30/20	0.33	79	.	1	0.73	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	77	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	79	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	76	.	35	21.71	AD	CS	N	CS	Chlorophyll-a in water	
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	80	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	79	8.93	0	.	AD	FS	N	FS		

Seg ID: 0802B - Long King Creek

AU ID: 0802B_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	9	.	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	9	.	0	.	LD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	10	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	9	.	0	.	LD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	10	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	10	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	10	77.93	0	.	LD	NC	Y	CN	Bacteria in water	

Seg ID: 0802D - Menard Creek

AU ID: 0802D_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	10	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	10	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	10	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	10	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	10	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	10	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	04/26/11	11/30/20	126	20	144.13	1	.	AD	CN	N	CN	Bacteria in water	

Seg ID: 0802E - Big Creek

AU ID: 0802E_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	.	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		
General Use	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	14	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	14	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	13	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	14	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	14	182.14	1	.	LD	CN	N	CN	Bacteria in water	

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0803 - Lake Livingston
AU ID: 0803_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	Chromium (Tri)(dissolved)	12/01/13	11/30/20	772.42	13	.	0	.	AD	FS	N	FS			
		Selenium	12/01/13	11/30/20	20	12	.	0	.	AD	FS	N	FS			
		Zinc (dissolved)	12/01/13	11/30/20	160.54	13	.	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	96.55	13	.	0	.	AD	FS	N	FS			
		Silver (ionic)	12/01/13	11/30/20	0.8	13	.	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/13	11/30/20	641.18	13	.	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	12.31	13	.	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/13	11/30/20	20.16	13	.	0	.	AD	FS	N	FS			
		Aluminum (dissolved)	12/01/13	11/30/20	991	13	.	0	.	AD	FS	N	FS			
	Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/13	11/30/20	340	13	.	0	.	AD	FS	N	FS			
		Selenium	12/01/13	11/30/20	5	12	1.66	0	.	AD	FS	N	FS			
		Zinc (dissolved)	12/01/13	11/30/20	112.1	13	3.42	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	2.35	13	0.5	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/13	11/30/20	8.98	13	2.34	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	70.45	13	5	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/13	11/30/20	49.35	13	5	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab	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	Nitrate	12/01/13	11/30/20	10	22	0.32	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	1.15	13	0.5	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/13	11/30/20	10	13	2.14	0	.	AD	FS	N	FS			
		Selenium	12/01/13	11/30/20	50	12	1.66	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/13	11/30/20	332	13	5	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	5	13	0.15	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	
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a	
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	83	5.11	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	1.15	83	0.51	0	.	AD	FS	N	FS			
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	50	246	44.02	0	.	AD	FS	N	FS			
		Chloride	12/01/13	11/30/20	150	246	33.54	0	.	AD	FS	N	FS			
		Total dissolved solids	12/01/13	11/30/20	500	329	255.59	0	.	AD	FS	N	FS			
	High pH	pH	12/01/13	11/30/20	9	23	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/13	11/30/20	6.5	23	.	0	.	AD	FS	N	FS			
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
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	24	1.16	0	.	AD	FS	N	FS			

Seg ID: 0803 - Lake Livingston
AU ID: 0803_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	2	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	2	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	2	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	2	.	0	.	ID	NA	N	NA		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0803 - Lake Livingston
AU ID: 0803_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Consumption Use	DSHS Limited Consumption Advisory	Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
		PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	83	5.11	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	83	0.51	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Chloride	12/01/13	11/30/20	150	246	33.54	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	246	44.02	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	500	329	255.59	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	2	.	0	.	ID	NA	N	NA		
	Low pH	pH	12/01/13	11/30/20	6.5	2	.	0	.	ID	NA	N	NA		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	2	.	0	.	ID	NA	N	NA		

**Seg ID: 0803 - Lake Livingston
AU ID: 0803_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	2	.	0	.	ID	NA	N	NA		
		Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	2	.	0	.	ID	NA	N	NA		
		Dissolved oxygen Grab	12/01/13	11/30/20	3	2	.	0	.	ID	NA	N	NA		
		Dissolved oxygen Grab	12/01/13	11/30/20	5	2	.	0	.	ID	NA	N	NA		
Fish Consumption Use	DSHS Limited Consumption Advisory	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	83	5.11	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	83	0.51	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	50	246	44.02	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	246	33.54	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	500	329	255.59	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	2	.	0	.	ID	NA	N	NA		
	Low pH	pH	12/01/13	11/30/20	6.5	2	.	0	.	ID	NA	N	NA		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	2	.	0	.	ID	NA	N	NA		

**Seg ID: 0803 - Lake Livingston
AU ID: 0803_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	8	.	0	.	SM	NC	N	NA		
		Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	8	.	0	.	SM	NC	N	NA		
		Dissolved oxygen Grab	12/01/13	11/30/20	3	9	.	0	.	LD	NC	N	NC		
		Dissolved oxygen Grab	12/01/13	11/30/20	5	9	.	0	.	LD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	1	0.06	0	.	ID	NA	N	NA		
Fish Consumption Use	DSHS Limited Consumption Advisory	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	83	5.11	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	83	0.51	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0803 - Lake Livingston
AU ID: 0803_04

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	50	246	44.02	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	500	329	255.59	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	246	33.54	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	9	.	0	.	LD	NC	N	NC		
	Low pH	pH	12/01/13	11/30/20	6.5	9	.	0	.	LD	NC	N	NC		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	9	.	0	.	LD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	1	1	0	.	ID	NA	N	NA		

Seg ID: 0803 - Lake Livingston
AU ID: 0803_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	Acute Toxic Substances in water	Selenium	12/01/13	11/30/20	20	12	.	0	.	AD	FS	N	FS			
		Silver (ionic)	12/01/13	11/30/20	0.8	13	.	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	58.27	13	.	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/13	11/30/20	432.33	13	.	0	.	AD	FS	N	FS			
		Zinc (dissolved)	12/01/13	11/30/20	108.18	13	.	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	527.41	13	.	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/13	11/30/20	340	13	.	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	7.83	13	.	0	.	AD	FS	N	FS			
		Aluminum (dissolved)	12/01/13	11/30/20	991	13	.	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/13	11/30/20	12.99	13	.	0	.	AD	FS	N	FS			
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	112.1	13	4.12	0	.	AD	FS	N	FS			
		Selenium	12/01/13	11/30/20	5	12	1.38	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/13	11/30/20	49.35	13	5	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	2.35	13	0.5	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/13	11/30/20	8.98	13	2.05	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	0.24	13	0.12	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/13	11/30/20	150	13	2.22	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	70.45	13	5	0	.	AD	FS	N	FS			
		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	Selenium	12/01/13	11/30/20	50	12	1.38	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/13	11/30/20	332	13	5	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	1.15	13	0.5	0	.	AD	FS	N	FS			
		Nitrate	12/01/13	11/30/20	10	22	0.1	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/13	11/30/20	10	13	2.22	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	5	13	0.15	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	
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a	
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	83	5.11	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	1.15	83	0.51	0	.	AD	FS	N	FS			
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	329	255.59	0	.	AD	FS	N	FS			
		Sulfate	12/01/13	11/30/20	50	246	44.02	0	.	AD	FS	N	FS			
		Chloride	12/01/13	11/30/20	150	246	33.54	0	.	AD	FS	N	FS			
	High pH	pH	12/01/13	11/30/20	9	24	.	2	9.35	AD	FS	N	FS			
	Low pH	pH	12/01/13	11/30/20	6.5	24	.	0	.	AD	FS	N	FS			
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	24	.	1	34	AD	FS	N	FS			

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0803 - Lake Livingston AU ID: 0803_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
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	24	6.54	0	.	AD	FS	N	FS		
Seg ID: 0803 - Lake Livingston AU ID: 0803_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	Acute Toxic Substances in water	Selenium	12/01/13	11/30/20	20	12	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	158.66	13	.	0	.	AD	FS	N	FS		
		Silver (ionic)	12/01/13	11/30/20	0.8	13	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	19.89	13	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	763.69	13	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	12.15	13	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	95.12	13	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	13	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/13	11/30/20	991	13	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Nickel (dissolved)	12/01/13	11/30/20	633.69	13	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	112.1	13	3.42	0	.	AD	FS	N	FS		
		Selenium	12/01/13	11/30/20	5	12	1.67	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	49.35	13	5	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.35	13	0.5	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	70.45	13	5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.24	13	0.12	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum Dissolved Oxygen grab screening level	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	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Selenium	12/01/13	11/30/20	50	12	1.67	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	13	5	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	13	0.5	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	21	0.52	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	13	2.37	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	13	0.15	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
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	1.15	83	0.51	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	83	5.11	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	329	255.59	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	246	33.54	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	246	44.02	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	22	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	22	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	23	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	23	3.71	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0803 - Lake Livingston
AU ID: 0803_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	Acute Toxic Substances in water	Silver (ionic)	12/01/13	11/30/20	0.8	13	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	202.76	13	.	0	.	AD	FS	N	FS		
		Selenium	12/01/13	11/30/20	20	12	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	129.64	13	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	809.5	13	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	26.13	13	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	967.97	13	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/13	11/30/20	991	13	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	13	.	0	.	AD	FS	N	FS		
	Cadmium (dissolved)	12/01/13	11/30/20	16.09	13	.	0	.	AD	FS	N	FS			
	Chronic Toxic Substances in water	Selenium	12/01/13	11/30/20	5	12	1.88	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	112.1	13	3.35	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.35	13	0.55	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	49.35	13	5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	8.98	13	2.09	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	70.45	13	5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.24	13	0.12	0	.	AD	FS	N	FS		
	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	Nickel (dissolved)	12/01/13	11/30/20	332	13	5	0	.	AD	FS	N	FS		
		Selenium	12/01/13	11/30/20	50	12	1.88	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	13	0.55	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	22	1.21	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	13	2.48	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	13	0.15	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
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	83	5.11	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	83	0.51	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Chloride	12/01/13	11/30/20	150	246	33.54	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	500	329	255.59	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	246	44.02	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	23	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	23	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
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	24	18.76	0	.	AD	FS	N	FS		

Seg ID: 0803 - Lake Livingston
AU ID: 0803_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 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	10	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	10	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	9	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	9	.	0	.	SM	NC	N	NA		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0803 - Lake Livingston
AU ID: 0803_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	DSHS Limited Consumption Advisory	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	1.15	83	0.51	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	83	5.11	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Chloride	12/01/13	11/30/20	150	246	33.54	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	246	44.02	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	500	329	255.59	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	9	.	0	.	LD	NC	N	NC		
	Low pH	pH	12/01/13	11/30/20	6.5	9	.	0	.	LD	NC	N	NC		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	9	.	1	34.2	LD	NC	N	NC		

**Seg ID: 0803 - Lake Livingston
AU ID: 0803_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 screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	0	.	.	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	
Fish Consumption Use	DSHS Limited Consumption Advisory	Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
		PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	83	5.11	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	83	0.51	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	329	255.59	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	246	33.54	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	246	44.02	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		

**Seg ID: 0803 - Lake Livingston
AU ID: 0803_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	Acute Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	152.06	15	.	0	.	AD	FS	N	FS			
		Silver (ionic)	12/01/13	11/30/20	0.8	14	.	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	732.93	15	.	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/13	11/30/20	607.35	15	.	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	90.11	15	.	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	11.57	15	.	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/13	11/30/20	18.97	15	.	0	.	AD	FS	N	FS			
		Selenium	12/01/13	11/30/20	20	13	.	0	.	AD	FS	N	FS			
		Aluminum (dissolved)	12/01/13	11/30/20	991	15	.	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/13	11/30/20	340	15	.	0	.	AD	FS	N	FS			
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	112.1	15	4.83	0	.	AD	FS	N	FS			
		Selenium	12/01/13	11/30/20	5	13	1.75	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/13	11/30/20	49.35	15	5.6	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	2.35	15	0.5	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/13	11/30/20	8.98	15	2.26	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	0.24	15	0.12	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/13	11/30/20	150	15	2.75	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	70.45	15	5	0	.	AD	FS	N	FS			
		Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	6	.	0	.	SM	NC	N	NA		
		Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	6	.	0	.	SM	NC	N	NA		
Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	81	.	0	.	AD	FS	N	FS				

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0803 - Lake Livingston
AU ID: 0803_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 screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	81	.	2	4.15	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Selenium	12/01/13	11/30/20	50	13	1.75	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	74	2.13	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	15	5.6	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	15	0.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	15	0.15	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	15	2.75	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
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	83	5.11	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	83	0.51	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	50	246	44.02	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	500	329	255.59	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	246	33.54	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	80	.	2	9.25	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	80	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	81	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	76	17.98	0	.	AD	FS	N	FS		

**Seg ID: 0803 - Lake Livingston
AU ID: 0803_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	Acute Toxic Substances in water	Selenium	12/01/13	11/30/20	20	13	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	154.89	16	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	618.66	16	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	92.25	16	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	19.37	16	.	0	.	AD	FS	N	FS		
		Silver (ionic)	12/01/13	11/30/20	0.8	15	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	11.82	16	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	16	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/13	11/30/20	991	16	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	746.15	16	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Nickel (dissolved)	12/01/13	11/30/20	49.35	16	5	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.35	16	0.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	8.98	16	1.86	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	70.45	16	5	0	.	AD	FS	N	FS		
		Selenium	12/01/13	11/30/20	5	13	1.97	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	150	16	2.35	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.24	16	0.12	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	112.1	16	4.75	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	76	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	76	.	1	4.8	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Selenium	12/01/13	11/30/20	50	13	1.97	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	16	5	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	16	0.5	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	74	2.56	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	16	0.15	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0803 - Lake Livingston
AU ID: 0803_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
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Arsenic (dissolved)	12/01/13	11/30/20	10	16	2.35	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
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	1.15	83	0.51	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	83	5.11	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Chloride	12/01/13	11/30/20	150	246	33.54	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	246	44.02	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	500	329	255.59	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	75	.	5	9.18	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	75	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	76	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	76	61.52	0	.	AD	FS	N	FS		

**Seg ID: 0803 - Lake Livingston
AU ID: 0803_12**

Use	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	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	83	5.11	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	83	0.51	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	329	255.59	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	246	44.02	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	246	33.54	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		

**Seg ID: 0803A - Harmon Creek
AU ID: 0803A_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	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	13	.	11	1.06	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	11	.	9	4.9	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	13	.	2	31	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	13	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	13	64.75	0	.	LD	NC	N	NC		

**Seg ID: 0803B - White Rock Creek
AU ID: 0803B_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	11	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	11	.	1	4.6	AD	NC	N	NC		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0803B - White Rock Creek
AU ID: 0803B_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	11	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	11	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	11	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	10	.	5	27.2	AD	CS	N	CS	Chlorophyll-a in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	11	29.37	0	.	LD	NC	N	NC		

**Seg ID: 0803E - Nelson Creek
AU ID: 0803E_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	Zinc (dissolved)	12/01/13	11/30/20	81.35	13	.	0	.	AD	FS	N	FS		
		Silver (ionic)	12/01/13	11/30/20	0.8	13	.	0	.	AD	FS	N	FS		
		Selenium	12/01/13	11/30/20	20	11	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	40.28	13	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5.64	13	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	400.38	13	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	325.23	13	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/13	11/30/20	991	13	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	9.46	13	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	13	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	112.1	13	5.5	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	49.35	13	5.92	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.35	13	0.5	0	.	AD	FS	N	FS		
		Selenium	12/01/13	11/30/20	5	11	1.26	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	8.98	13	1.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.24	13	0.12	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	150	13	1.62	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	13	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	13	.	0	.	AD	NC	N	NC	
	Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	11400	13	5.92	0	.	AD	FS	N	FS	
Lead (dissolved)			12/01/13	11/30/20	38.3	13	0.5	0	.	AD	FS	N	FS		
General Use	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	12	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	13	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	12	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	13	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	13	87.45	0	.	LD	NC	N	NC		

**Seg ID: 0803F - Bedias Creek
AU ID: 0803F_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	Nickel (dissolved)	12/01/13	11/30/20	341.24	3	.	0	.	ID	NA	N	NA		
		Silver (ionic)	12/01/13	11/30/20	0.8	3	.	0	.	ID	NA	N	NA		
		Zinc (dissolved)	12/01/13	11/30/20	85.36	3	.	0	.	ID	NA	N	NA		
		Copper (dissolved)	12/01/13	11/30/20	9.98	3	.	0	.	ID	NA	N	NA		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	419.45	3	.	0	.	ID	NA	N	NA		
		Cadmium (dissolved)	12/01/13	11/30/20	5.97	3	.	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/13	11/30/20	42.88	3	.	0	.	ID	NA	N	NA		
		Aluminum (dissolved)	12/01/13	11/30/20	991	3	.	0	.	ID	NA	N	NA		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0803F - Bedias Creek

AU ID: 0803F_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	Selenium	12/01/13	11/30/20	20	1	.	0	.	ID	NA	N	NA		
		Arsenic (dissolved)	12/01/13	11/30/20	340	3	.	0	.	ID	NA	N	NA		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	112.1	3	11.33	0	.	ID	NA	N	NA		
		Nickel (dissolved)	12/01/13	11/30/20	49.35	3	11.33	0	.	ID	NA	N	NA		
		Selenium	12/01/13	11/30/20	5	1	1	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/13	11/30/20	2.35	3	0.5	0	.	ID	NA	N	NA		
		Copper (dissolved)	12/01/13	11/30/20	8.98	3	1.5	0	.	ID	NA	N	NA		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	70.45	3	5	0	.	ID	NA	N	NA		
		Cadmium (dissolved)	12/01/13	11/30/20	0.24	3	0.12	0	.	ID	NA	N	NA		
		Arsenic (dissolved)	12/01/13	11/30/20	150	3	1.5	0	.	ID	NA	N	NA		
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			
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	3	11.33	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/13	11/30/20	3.83	3	0.5	0	.	ID	NA	N	NA		
General Use	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	2	.	0	.	ID	NA	N	NA		
		Total phosphorus	12/01/13	11/30/20	0.69	3	.	0	.	ID	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	14.1	2	.	1	35	ID	NA	Y	CS	Chlorophyll-a in water	
		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	46.87	0	.	ID	NA	Y	CN	Bacteria in water	

Seg ID: 0803F - Bedias Creek

AU ID: 0803F_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	Zinc (dissolved)	12/01/13	11/30/20	164.28	10	.	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/13	11/30/20	656.12	10	.	0	.	AD	FS	N	FS			
		Selenium	12/01/13	11/30/20	20	10	.	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	99.41	10	.	0	.	AD	FS	N	FS			
		Silver (ionic)	12/01/13	11/30/20	0.8	10	.	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/13	11/30/20	20.68	10	.	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	789.83	10	.	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/13	11/30/20	340	10	.	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	12.64	10	.	0	.	AD	FS	N	FS			
		Aluminum (dissolved)	12/01/13	11/30/20	991	10	.	0	.	AD	FS	N	FS			
	Chronic Toxic Substances in water	Nickel (dissolved)	12/01/13	11/30/20	49.35	10	5	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	2.35	10	0.5	0	.	AD	FS	N	FS			
		Zinc (dissolved)	12/01/13	11/30/20	112.1	10	6.5	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	70.45	10	5	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/13	11/30/20	8.98	10	1.66	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	0.24	10	0.12	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/13	11/30/20	150	10	2.4	0	.	AD	FS	N	FS			
		Selenium	12/01/13	11/30/20	5	10	1.47	0	.	AD	FS	N	FS			
		Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	10	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	10	.	0	.	AD	NC	N	NC		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	10	5	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	3.83	10	0.5	0	.	AD	FS	N	FS			

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0803F - Bedias Creek

AU ID: 0803F_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	11	.	2	0.84	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	10	.	3	5.91	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	11	.	1	17	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	11	.	1	0.8	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	10	280.51	1	.	LD	CN	N	CN	Bacteria in water	

Seg ID: 0803G - Lake Madisonville

AU ID: 0803G_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: 0804 - Trinity River Above Lake Livingston

AU ID: 0804_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	Zinc (dissolved)	12/01/13	11/30/20	162.41	16	.	0	.	AD	FS	N	FS			
		Selenium	12/01/13	11/30/20	20	14	.	0	.	AD	FS	N	FS			
		Silver (ionic)	12/01/13	11/30/20	0.8	15	.	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	781.14	16	.	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/13	11/30/20	648.66	16	.	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	97.98	16	.	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/13	11/30/20	20.42	16	.	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	12.48	16	.	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/13	11/30/20	340	16	.	0	.	AD	FS	N	FS			
		Aluminum (dissolved)	12/01/13	11/30/20	991	16	.	0	.	AD	FS	N	FS			
	Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/13	11/30/20	0.28	15	0.14	0	.	AD	FS	N	FS			
		Selenium	12/01/13	11/30/20	5	13	2.08	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/13	11/30/20	61.53	15	5	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	3.12	15	0.5	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/13	11/30/20	11.22	15	2	0	.	AD	FS	N	FS			
		Zinc (dissolved)	12/01/13	11/30/20	139.82	15	4.9	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	87.22	15	5	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/13	11/30/20	150	15	2.37	0	.	AD	FS	N	FS			
		Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	74	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	74	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Selenium	12/01/13	11/30/20	50	14	2.12	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/13	11/30/20	332	16	5	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	1.15	16	0.5	0	.	AD	FS	N	FS			
		Nitrate	12/01/13	11/30/20	10	76	2.79	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	5	16	0.15	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/13	11/30/20	10	16	2.54	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	
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a	
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	36	4.13	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	1.15	40	0.6	0	.	AD	FS	N	FS			

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0804 - Trinity River Above Lake Livingston
AU ID: 0804_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	600	145	302.16	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	150	132	56.36	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	132	43.03	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	74	.	3	9.23	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	74	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	79	.	20	0.96	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	76	.	38	4.52	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	76	.	29	53.97	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	79	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	75	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	79	73.27	0	.	AD	FS	N	FS		

**Seg ID: 0804 - Trinity River Above Lake Livingston
AU ID: 0804_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Consumption Use	DSHS Limited Consumption Advisory	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	36	4.13	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	40	0.6	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	150	132	56.36	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	600	145	302.16	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	132	43.03	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Nitrate in water	
Chlorophyll-a	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water			

**Seg ID: 0804 - Trinity River Above Lake Livingston
AU ID: 0804_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Consumption Use	DSHS Limited Consumption Advisory	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	36	4.13	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	40	0.6	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	600	145	302.16	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	150	132	56.36	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	132	43.03	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Nitrate in water	

**Seg ID: 0804 - Trinity River Above Lake Livingston
AU ID: 0804_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	Acute Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	163.35	12	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	652.39	10	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	785.49	12	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	20.55	11	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	12.56	12	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	12	.	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0804 - Trinity River Above Lake Livingston

AU ID: 0804_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	Acute Toxic Substances in water	Aluminum (dissolved)	12/01/13	11/30/20	991	9	.	1	6389.84	LD	NC	N	NC		
		Lead (dissolved)	12/01/13	11/30/20	98.7	12	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	139.82	11	4.43	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	61.53	9	3.48	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/13	11/30/20	3.12	11	0.86	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	87.22	11	3.1	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.28	11	0.14	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	11.22	10	2.32	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	150	11	2.76	0	.	AD	FS	N	FS		
	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	25	3.24	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	10	3.61	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	12	0.83	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	12	0.15	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	12	2.74	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
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	36	4.13	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	40	0.6	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	600	145	302.16	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	132	43.03	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	150	132	56.36	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	24	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	24	.	1	6.3	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	27	.	9	0.89	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	25	.	12	5.43	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	26	.	11	50.18	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	27	.	0	.	AD	NC	N	NC		
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	27	80.38	0	.	AD	FS	N	FS		

Seg ID: 0804 - Trinity River Above Lake Livingston

AU ID: 0804_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
Fish Consumption Use	DSHS Limited Consumption Advisory	Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
		PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	36	4.13	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	40	0.6	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	150	132	56.36	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	132	43.03	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	600	145	302.16	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0804 - Trinity River Above Lake Livingston
AU ID: 0804_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
Fish Consumption Use	DSHS Limited Consumption Advisory	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	1.15	40	0.6	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	36	4.13	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	600	145	302.16	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	150	132	56.36	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	132	43.03	0	.	AD	FS	N	FS		

**Seg ID: 0804 - Trinity River Above Lake Livingston
AU ID: 0804_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	Acute Toxic Substances in water	Nickel (dissolved)	12/01/13	11/30/20	784.33	10	.	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	124.59	12	.	0	.	AD	FS	N	FS			
		Zinc (dissolved)	12/01/13	11/30/20	196.44	12	.	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/13	11/30/20	25.23	11	.	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	938.82	12	.	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	15.52	12	.	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/13	11/30/20	340	12	.	0	.	AD	FS	N	FS			
	Chronic Toxic Substances in water	Aluminum (dissolved)	12/01/13	11/30/20	991	10	.	0	.	AD	FS	N	FS			
		Zinc (dissolved)	12/01/13	11/30/20	139.82	11	4.8	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/13	11/30/20	61.53	9	2.98	0	.	LD	NC	N	NC			
		Lead (dissolved)	12/01/13	11/30/20	3.12	11	0.5	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/13	11/30/20	11.22	10	2	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	87.22	11	2.5	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	Cadmium (dissolved)	12/01/13	11/30/20	0.28	11	0.14	0	.	AD	FS	N	FS		
			Arsenic (dissolved)	12/01/13	11/30/20	150	11	2.5	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	Dissolved Oxygen grab minimum	12/01/13	11/30/20	3	24	.	0	.	AD	FS	N	FS		
			Dissolved Oxygen grab screening level	12/01/13	11/30/20	5	24	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	25	4.59	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/13	11/30/20	332	10	3.26	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	1.15	12	0.5	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	5	12	0.15	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/13	11/30/20	10	12	2.5	0	.	AD	FS	N	FS			
Fish Consumption Use	DSHS No Consumption Advisory	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a	
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a	
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	36	4.13	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	1.15	40	0.6	0	.	AD	FS	N	FS			
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	150	132	56.36	0	.	AD	FS	N	FS			
		Total dissolved solids	12/01/13	11/30/20	600	145	302.16	0	.	AD	FS	N	FS			
		Chloride	12/01/13	11/30/20	150	132	43.03	0	.	AD	FS	N	FS			
	High pH	pH	High pH	12/01/13	11/30/20	9	23	.	0	.	AD	FS	N	FS		
			Low pH	12/01/13	11/30/20	6.5	23	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	Total phosphorus	12/01/13	11/30/20	0.69	27	.	12	1.21	AD	CS	N	CS	Total Phosphorus in water	
			Nitrate	12/01/13	11/30/20	1.95	25	.	17	6.25	AD	CS	N	CS	Nitrate in water	
			Chlorophyll-a	12/01/13	11/30/20	14.1	26	.	15	34.8	AD	CS	N	CS	Chlorophyll-a in water	
			Ammonia	12/01/13	11/30/20	0.33	27	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	24	.	0	.	AD	FS	N	FS				

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0804 - Trinity River Above Lake Livingston
AU ID: 0804_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
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	27	50.49	0	.	AD	FS	N	FS		

**Seg ID: 0804F - Tehuacana Creek
AU ID: 0804F_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	3	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	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		
		Chlorophyll-a	12/01/13	11/30/20	14.1	2	.	0	.	ID	NA	Y	CS	Chlorophyll-a in water	
		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	2	325.58	1	.	ID	NA	Y	CN	Bacteria in water	

**Seg ID: 0804F - Tehuacana Creek
AU ID: 0804F_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	18	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	18	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Ammonia	12/01/13	11/30/20	0.33	18	.	2	0.38	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	18	.	2	1.07	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	18	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	18	612.73	1	.	LD	CN	N	CN	Bacteria in water	

**Seg ID: 0804G - Catfish Creek
AU ID: 0804G_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	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	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	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4	24	.	3	2.47	SM	NC	N	NA		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	42	4	50	.	.	TR	NC	N	NA		
	Habitat	Habitat	12/01/13	11/30/20	20	4	18	.	.	TR	CS	N	NA		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	30	3	31	.	.	TR	NC	N	NA		
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	24	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	21	.	1	16.5	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	21	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	07/01/13	11/30/20	126	20	262.37	1	.	AD	NS	N	NS	Bacteria in water	5b

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0804H - Upper Keechi Creek
AU ID: 0804H_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	5c
	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	5c
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	26	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	26	.	2	4.55	SM	NC	N	NA		
General Use	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	25	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	24	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	23	.	2	92.15	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	22	167.31	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 0804J - Fairfield Lake
AU ID: 0804J_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	.	1	3.14	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Fish Kill Reports	12/01/13	11/30/20	.	0	.	.	.	OE	CN	N	CN	Fish kill in water	
		Nitrate	12/01/13	11/30/20	0.37	25	.	2	0.71	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	22	.	13	52.04	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	24	.	4	0.18	JQ	NA	N	NA		
		Total phosphorus	12/01/13	11/30/20	0.2	23	.	2	0.22	JQ	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	22	2.17	0	.	AD	FS	N	FS		

**Seg ID: 0804K - Lower Keechi Creek
AU ID: 0804K_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	.	1	2.8	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	26	.	3	4.07	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Ammonia	12/01/13	11/30/20	0.33	24	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	24	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	24	.	1	1.16	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	26	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	23	296.14	1	.	AD	NS	N	NS	Bacteria in water	5b

**Seg ID: 0804L - Town Creek
AU ID: 0804L_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		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	42	16	44	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/13	11/30/20	20	16	20	.	.	AD	NC	N	NC		
	Macroinvertebrate community (Qualitative)	Macroinvertebrate community	12/01/13	11/30/20	30	14	31	.	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0804L - Town Creek

AU ID: 0804L_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	26	.	15	4.26	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	26	.	14	5.8	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	26	.	1	82	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	27	.	1	0.71	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	27	561.35	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0804M - Bassett Creek

AU ID: 0804M_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	Fish Community (Regional)	Fish community	12/01/13	11/30/20	42	4	38	.	.	AD	NS	N	NS	Impaired fish community in water	5c
	Habitat	Habitat	12/01/13	11/30/20	20	4	20	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	30	4	29	.	.	AD	NS	N	NS	Impaired macrobenthic community in water	5c

Seg ID: 0804M - Bassett Creek

AU ID: 0804M_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	Fish Community (Regional)	Fish community	12/01/13	11/30/20	42	4	42	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/13	11/30/20	20	4	23	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	30	4	29	.	.	AD	NS	N	NC	Impaired macrobenthic community in water	

Seg ID: 0805 - Upper Trinity River

AU ID: 0805_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 No Consumption Advisory	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	33	2.81	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	3.83	38	0.5	0	.	AD	FS	N	FS		

General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	850	162	369.64	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	175	81	66.96	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	175	81	54.91	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	0	.	.	.	ID	NA	Y	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/13	11/30/20	0.69	0	.	.	.	ID	NA	Y	CS	Total Phosphorus in water	

Seg ID: 0805 - Upper Trinity River

AU ID: 0805_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	Zinc (dissolved)	12/01/13	11/30/20	217.95	12	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	870.05	11	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	141.93	12	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	12	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	17.48	12	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	28.32	11	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/13	11/30/20	991	10	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	1037.98	12	.	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0805 - Upper Trinity River
AU ID: 0805_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	164.69	11	6.36	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	72.46	10	2.74	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	13.24	10	1.78	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	102.18	11	2.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.32	11	0.15	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	150	11	2.5	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	3.85	11	0.5	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2.5	26	.	0	.	AD	FS	N	FS		
Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3.5	26	.	0	.	AD	NC	N	NC			
Fish Consumption Use	DSHS No Consumption Advisory	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	33	2.81	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	3.83	38	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	850	162	369.64	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	175	81	66.96	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	175	81	54.91	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	25	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	25	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	27	.	14	1.24	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	27	.	21	6.86	AD	CS	N	CS	Nitrate in water	
		Ammonia	12/01/13	11/30/20	0.33	26	.	1	0.36	AD	NC	N	NC		
Chlorophyll-a		12/01/13	11/30/20	14.1	27	.	16	24.19	AD	CS	N	CS	Chlorophyll-a in water		
Water Temperature	Water temperature	12/01/13	11/30/20	35	26	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	27	77.36	0	.	AD	FS	N	FS		

Seg ID: 0805 - Upper Trinity River
AU ID: 0805_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	Nickel (dissolved)	12/01/13	11/30/20	784.33	11	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	196.44	13	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	124.59	13	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	15.52	13	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	13	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/13	11/30/20	991	11	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	938.82	13	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	25.23	13	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	164.69	13	8.09	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	3.85	13	0.5	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	72.46	11	2.58	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	13.24	13	1.61	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	102.18	13	2.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.32	13	0.15	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	150	13	2.5	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2.5	52	.	0	.	AD	FS	N	FS	
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3.5	52	.	0	.	AD	NC	N	NC		
	Fish Consumption Use	DSHS No Consumption Advisory	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
Dioxins			12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0805 - Upper Trinity River

AU ID: 0805_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	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	33	2.81	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	3.83	38	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	850	162	369.64	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	175	81	66.96	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	175	81	54.91	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	50	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	50	.	2	6.35	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	27	.	15	8.26	AD	CS	N	CS	Nitrate in water	
		Total phosphorus	12/01/13	11/30/20	0.69	26	.	7	1.33	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	27	.	3	0.83	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	25	.	3	16	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	35	52	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	53	250.36	1	.	AD	NS	N	NS	Bacteria in water	4a

Seg ID: 0805 - Upper Trinity River

AU ID: 0805_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	Acute Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	174.5	13	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	696.87	11	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	107.31	13	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	837.28	13	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	13	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/13	11/30/20	991	11	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	13.55	13	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	22.11	13	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	164.69	13	8.58	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	72.46	11	2.92	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	3.85	13	0.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	13.24	13	1.37	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	102.18	13	2.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.32	13	0.15	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2.5	78	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3.5	78	.	0	.	AD	NC	N	NC	
	Fish Consumption Use	DSHS No Consumption Advisory	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
Dioxins			12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
HH Bioaccumulative Toxics in water		Nickel (dissolved)	12/01/13	11/30/20	1140	33	2.81	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	3.83	38	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	850	162	369.64	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	175	81	66.96	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	175	81	54.91	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	76	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	76	.	1	6.1	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	27	.	17	7.14	AD	CS	N	CS	Nitrate in water	
		Total phosphorus	12/01/13	11/30/20	0.69	27	.	7	1.26	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	27	.	7	1.03	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	25	.	6	32.5	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	35	78	.	0	.	AD	FS	N	FS			

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0805 - Upper Trinity River

AU ID: 0805_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
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	78	213.44	1	.	AD	NS	N	NS	Bacteria in water	4a

Seg ID: 0805 - Upper Trinity River

AU ID: 0805_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
Fish Consumption Use	DSHS No Consumption Advisory	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	3.83	38	0.5	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	1140	33	2.81	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	850	162	369.64	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	175	81	66.96	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	175	81	54.91	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	0	.	.	.	ID	NA	Y	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	0	.	.	.	ID	NA	Y	CS	Nitrate in water	

Seg ID: 0805A - Red Oak Creek

AU ID: 0805A_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	Fish Community (Regional)	Fish community	12/01/13	11/30/20	41	2	43	.	.	TR	NC	N	NA		
	Habitat	Habitat	12/01/13	11/30/20	20	2	24	.	.	TR	NC	N	NA		
	Macroinvertebrate community (Qualitative)	Macroinvertebrate community	12/01/13	11/30/20	29	2	25	.	.	TR	CN	N	NA		

Seg ID: 0806 - West Fork Trinity River Below Lake Worth

AU ID: 0806_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	Lead (dissolved)	12/01/13	11/30/20	90.11	26	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	732.93	34	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	11.57	2	.	0	.	ID	NA	N	NA		
		Arsenic (dissolved)	12/01/13	11/30/20	340	31	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Lead (dissolved)	12/01/13	11/30/20	3.51	26	0.36	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	95.34	34	0.91	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.3	2	0.15	0	.	ID	NA	N	NA		
		Arsenic (dissolved)	12/01/13	11/30/20	150	31	1.67	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	268	.	2	2.55	AD	FS	N	FS		
Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	268	.	27	4.19	AD	CS	N	CS	Depressed dissolved oxygen in water		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Lead (dissolved)	12/01/13	11/30/20	1.15	26	0.36	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	38	0.3	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	2	0.15	0	.	ID	NA	N	NA		
		Arsenic (dissolved)	12/01/13	11/30/20	10	31	1.67	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS No Consumption Advisory	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	1.15	26	0.36	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0806 - West Fork Trinity River Below Lake Worth
AU ID: 0806_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	500	337	262.14	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	1	23.5	0	.	ID	NA	N	NA		
		Chloride	12/01/13	11/30/20	100	2	16.3	0	.	ID	NA	N	NA		
	High pH	pH	12/01/13	11/30/20	9	271	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	271	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	2	.	0	.	ID	NA	N	NA		
		Nitrate	12/01/13	11/30/20	1.95	2	.	0	.	ID	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	14.1	2	.	1	18.7	ID	NA	Y	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	2	.	0	.	ID	NA	N	NA		
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	272	.	1	34.6	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	117	104.84	0	.	AD	FS	N	FS		

**Seg ID: 0806 - West Fork Trinity River Below Lake Worth
AU ID: 0806_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	72	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	72	.	11	4.12	AD	CS	N	CS	Depressed dissolved oxygen in water	
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Lead (dissolved)	12/01/13	11/30/20	1.15	26	0.36	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	38	0.3	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	2	0.15	0	.	ID	NA	N	NA		
		Arsenic (dissolved)	12/01/13	11/30/20	10	31	1.67	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS No Consumption Advisory	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	1.15	26	0.36	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	337	262.14	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	1	23.5	0	.	ID	NA	N	NA		
		Chloride	12/01/13	11/30/20	100	2	16.3	0	.	ID	NA	N	NA		
	High pH	pH	12/01/13	11/30/20	9	71	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	71	.	0	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	72	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	25	170.08	1	.	AD	CN	N	CN	Bacteria in water	

**Seg ID: 0806A - Fosdic Lake
AU ID: 0806A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Arsenic	12/01/13	11/30/20	0.04	0	.	.	.	ID	NA	Y	CS	Arsenic in edible tissue	
	DSHS Limited Consumption Advisory	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	4a

**Seg ID: 0806B - Echo Lake
AU ID: 0806B_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	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	4a
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
		Dieldrin	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dieldrin in edible tissue	5a

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0806D - Marine Creek
AU ID: 0806D_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	80	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	80	.	1	3.9	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	27	337.45	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 0806E - Sycamore Creek
AU ID: 0806E_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	71	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	71	.	2	4.8	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	26	476.68	1	.	AD	NS	N	NS	Bacteria in water	4a

**Seg ID: 0806F - Little Fossil Creek
AU ID: 0806F_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	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		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	14	294.97	1	.	LD	CN	N	CN	Bacteria in water	

**Seg ID: 0806G - Marine Creek Reservoir
AU ID: 0806G_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	5	.	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	5	.	0	.	LD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	0.37	5	.	0	.	JQ	NA	N	NA		
		Total phosphorus	12/01/13	11/30/20	0.2	5	.	0	.	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	5	.	1	42	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	5	.	0	.	JQ	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	4	8.76	0	.	ID	NA	N	NA		

**Seg ID: 0807 - Lake Worth
AU ID: 0807_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	4	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	4	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	119	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	119	.	2	4.02	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	61	0.12	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS Limited Consumption Advisory	Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
		PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	4a

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0807 - Lake Worth
AU ID: 0807_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	Chloride	12/01/13	11/30/20	100	56	24.97	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	500	122	225.07	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	32	21.63	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	119	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	119	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.8	119	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	63	3.99	0	.	AD	FS	N	FS		

Seg ID: 0808 - West Fork Trinity River Below Eagle Mountain Reservoir
AU ID: 0808_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	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	4a
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a

Seg ID: 0809 - Eagle Mountain Reservoir
AU ID: 0809_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	4	.	0	.	SM	NC	N	NA		
		Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	4	.	0	.	SM	NC	N	NA		
		Dissolved oxygen Grab	12/01/13	11/30/20	3	32	.	3	2.6	AD	FS	N	FS		
		Dissolved oxygen Grab	12/01/13	11/30/20	5	32	.	9	3.87	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	32	0.12	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	158	209.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	31	21.65	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	110	26.2	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	32	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	32	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	34.4	32	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	30	3.51	0	.	AD	FS	N	FS		

Seg ID: 0809 - Eagle Mountain Reservoir
AU ID: 0809_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	75	31	21.65	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	110	26.2	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	300	158	209.92	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0809 - Eagle Mountain Reservoir
AU ID: 0809_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	158	209.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	31	21.65	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	110	26.2	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		

**Seg ID: 0809 - Eagle Mountain Reservoir
AU ID: 0809_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	158	209.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	31	21.65	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	110	26.2	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		

**Seg ID: 0809 - Eagle Mountain Reservoir
AU ID: 0809_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	32	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	32	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	31	0.11	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	158	209.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	31	21.65	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	110	26.2	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	32	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	32	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	34.4	32	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	30	2.31	0	.	AD	FS	N	FS		

**Seg ID: 0809 - Eagle Mountain Reservoir
AU ID: 0809_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
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	158	209.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	31	21.65	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	110	26.2	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		

**Seg ID: 0809 - Eagle Mountain Reservoir
AU ID: 0809_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
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	158	209.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	31	21.65	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	110	26.2	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0809 - Eagle Mountain Reservoir
AU ID: 0809_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	31	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	31	.	1	4.74	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	30	0.08	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	158	209.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	31	21.65	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	110	26.2	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	31	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	31	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	34.4	31	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	29	2.82	0	.	AD	FS	N	FS		

**Seg ID: 0809 - Eagle Mountain Reservoir
AU ID: 0809_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	Total dissolved solids	12/01/13	11/30/20	300	158	209.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	31	21.65	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	110	26.2	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		

**Seg ID: 0809 - Eagle Mountain Reservoir
AU ID: 0809_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	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	27	0.06	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	158	209.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	31	21.65	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	110	26.2	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	31	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	31	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	34.4	31	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	27	2.76	0	.	AD	FS	N	FS		

**Seg ID: 0809 - Eagle Mountain Reservoir
AU ID: 0809_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
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	158	209.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	31	21.65	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	110	26.2	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0809 - Eagle Mountain Reservoir

AU ID: 0809_12

Use	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	8	0.2	0	.	LD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	158	209.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	31	21.65	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	110	26.2	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	25	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	25	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	34.4	25	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	9	12.49	0	.	LD	NC	N	NC		

Seg ID: 0809 - Eagle Mountain Reservoir

AU ID: 0809_14

Use	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	158	209.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	31	21.65	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	110	26.2	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		

Seg ID: 0809A - Walnut Creek

AU ID: 0809A_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	59	.	1	1.4	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	59	.	2	2.8	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	59	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	59	.	2	0.85	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	60	.	1	0.35	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	58	124.88	0	.	AD	FS	N	FS		

Seg ID: 0809B - Ash Creek

AU ID: 0809B_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	65	.	1	1.5	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	65	.	2	2.75	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	63	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	64	.	28	3.17	AD	CS	N	CS	Nitrate in water	
		Ammonia	12/01/13	11/30/20	0.33	65	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	64	343.42	1	.	AD	NS	N	NS	Bacteria in water	5b

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0809C - Dosier Creek

AU ID: 0809C_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	5	28	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	27	.	1	0.84	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	26	.	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	484.58	1	.	AD	NS	N	NS	Bacteria in water	5b

Seg ID: 0809D - Derrett Creek

AU ID: 0809D_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	16	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	16	.	1	4.5	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	16	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	16	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	16	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	05/01/12	11/30/20	126	20	806.69	1	.	AD	NS	N	NS	Bacteria in water	5b

Seg ID: 0810 - West Fork Trinity River Below Bridgeport Reservoir

AU ID: 0810_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	137	.	1	2.1	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	137	.	3	3.2	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	59	0.99	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	177	382.85	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	49	64.31	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	137	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	137	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	59	.	3	1.01	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	59	.	5	4.82	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water	
Ammonia	12/01/13	11/30/20	0.33	60	.	2	0.65	AD	NC	N	NC				
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	137	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	141	208.14	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0810 - West Fork Trinity River Below Bridgeport Reservoir

AU ID: 0810_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	2.9	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	35	.	3	4.03	AD	NC	N	NC		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0810 - West Fork Trinity River Below Bridgeport Reservoir

AU ID: 0810_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	177	382.85	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	49	64.31	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	35	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	35	.	0	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	35	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	35	76.89	0	.	AD	FS	N	FS		

Seg ID: 0810A - Big Sandy Creek

AU ID: 0810A_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	18	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	18	.	2	4.3	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/10	11/30/20	630	20	307.85	0	.	AD	FS	N	FS		

Seg ID: 0810B - Garrett Creek

AU ID: 0810B_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	12	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	12	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	630	12	465.59	0	.	LD	NC	N	NC		

Seg ID: 0810C - Martin Branch

AU ID: 0810C_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	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		
Recreation Use	Bacteria Geomean	E. coli	04/01/13	11/30/20	126	20	413.96	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0810D - Salt Creek

AU ID: 0810D_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	10	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	10	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	630	10	70.07	0	.	LD	NC	N	NC		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0811 - Bridgeport Reservoir
AU ID: 0811_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	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	29	0.09	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	75	31	13.33	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	300	98	170.35	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	78	19.76	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	30	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	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	32.2	30	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	28	0.88	0	.	AD	FS	N	FS		

Seg ID: 0811 - Bridgeport Reservoir
AU ID: 0811_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	98	170.35	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	31	13.33	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	78	19.76	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

Seg ID: 0811 - Bridgeport Reservoir
AU ID: 0811_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	4	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	4	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	32	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	32	.	1	4.74	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	32	0.1	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	75	31	13.33	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	78	19.76	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	300	98	170.35	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	32	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	32	.	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	32.2	32	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	30	1.03	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0811 - Bridgeport Reservoir
AU ID: 0811_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	32	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	32	.	1	4.68	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	31	0.09	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	98	170.35	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	31	13.33	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	78	19.76	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	32	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	32	.	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	32.2	32	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	31	0.93	0	.	AD	FS	N	FS		

**Seg ID: 0811 - Bridgeport Reservoir
AU ID: 0811_05**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	98	170.35	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	31	13.33	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	78	19.76	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

**Seg ID: 0811A - Big Creek
AU ID: 0811A_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	Ammonia	12/01/13	11/30/20	0.33	21	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	20	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	21	.	1	0.73	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	21	701.18	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 0811B - Beans Creek
AU ID: 0811B_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	.	1	3	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	29	.	1	1.32	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	26	.	0	.	AD	NC	N	NC		
		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	693.07	1	.	AD	NS	N	NS	Bacteria in water	5b

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0812 - West Fork Trinity River Above Bridgeport Reservoir
AU ID: 0812_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	11	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	2	11	.	2	1.2	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	31	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	31	.	1	2.9	SM	NC	N	NA		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	35	2	48	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/13	11/30/20	14	2	19	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	22	2	24	.	.	AD	FS	N	FS		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	29	0.34	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	41	645.64	1	.	AD	NS	N	NS	Total dissolved solids in water	5c
		Chloride	12/01/13	11/30/20	100	25	113.32	1	.	AD	NS	N	NS	Chloride in water	5c
	High pH	pH	12/01/13	11/30/20	9	31	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	31	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	29	.	2	1.2	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	29	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	29	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	31.1	31	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	29	644.77	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 0812 - West Fork Trinity River Above Bridgeport Reservoir
AU ID: 0812_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	41	645.64	1	.	AD	NS	N	NS	Total dissolved solids in water	5c
		Chloride	12/01/13	11/30/20	100	25	113.32	1	.	AD	NS	N	NS	Chloride in water	5c

**Seg ID: 0813 - Houston County Lake
AU ID: 0813_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	Mirex	12/01/13	11/30/20	0	1	0	0	.	ID	NA	N	NA		
	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	.	2	3.98	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	25	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	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	.	0	.	ID	NA	N	NA		
		Lead	12/01/13	11/30/20	0.6	2	.	0	.	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	2	.	0	.	ID	NA	N	NA		
		gamma-BHC (Lindane)	12/01/13	11/30/20	0.53	2	.	0	.	ID	NA	N	NA		
		Endosulfan I (alpha)	12/01/13	11/30/20	3.5	1	.	0	.	ID	NA	N	NA		
		Endosulfan II (beta)	12/01/13	11/30/20	3.5	2	.	0	.	ID	NA	N	NA		
		Endosulfan sulfate	12/01/13	11/30/20	3.5	2	.	0	.	ID	NA	N	NA		
		Dieldrin	12/01/13	11/30/20	0	2	.	0	.	ID	NA	N	NA		
		Endrin	12/01/13	11/30/20	0.53	2	.	0	.	ID	NA	N	NA		
DDT	12/01/13	11/30/20	0.16	2	.	0	.	ID	NA	N	NA				

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0813 - Houston County Lake
AU ID: 0813_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	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	2	.	0	.	ID	NA	N	NA		
		Aldrin	12/01/13	11/30/20	0	2	.	0	.	ID	NA	N	NA		
		Arsenic	12/01/13	11/30/20	0.04	2	.	0	.	ID	NA	N	NA		
		Cadmium	12/01/13	11/30/20	0.18	2	.	0	.	ID	NA	N	NA		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	26	71.83	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	25	7.4	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	24	11.12	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	27	.	1	9.05	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	27	.	1	6.4	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	27	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	21	3.63	0	.	AD	FS	N	FS		

**Seg ID: 0814 - Chambers Creek Above Richland-Chambers Reservoir
AU ID: 0814_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	6	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	6	.	0	.	SM	NC	N	NA		
	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	.	1	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	27	0.59	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	27	0.46	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	160	27	94.71	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	500	73	385.77	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	90	63	42.49	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	30	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	30	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	25	.	5	1.37	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	27	.	2	2.12	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	28	.	9	21.07	AD	CS	N	CS	Chlorophyll-a in water	
		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	30	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	25	70.52	0	.	AD	FS	N	FS		

**Seg ID: 0814 - Chambers Creek Above Richland-Chambers Reservoir
AU ID: 0814_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	45	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	45	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	45	1.09	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0814 - Chambers Creek Above Richland-Chambers Reservoir
AU ID: 0814_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	73	385.77	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	160	27	94.71	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	90	63	42.49	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	45	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	45	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	45	.	4	0.93	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	45	.	8	3.63	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	45	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	45	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	45	295.82	1	.	AD	NS	N	NS	Bacteria in water	5b

**Seg ID: 0814 - Chambers Creek Above Richland-Chambers Reservoir
AU ID: 0814_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	73	385.77	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	160	27	94.71	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	90	63	42.49	0	.	AD	FS	N	FS		

**Seg ID: 0814 - Chambers Creek Above Richland-Chambers Reservoir
AU ID: 0814_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	500	73	385.77	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	160	27	94.71	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	90	63	42.49	0	.	AD	FS	N	FS		

**Seg ID: 0815 - Bardwell Reservoir
AU ID: 0815_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	.	2	4.45	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/13	11/30/20	4	26	0.47	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	26	0.44	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	26	240.75	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	26	50.75	1	.	AD	NS	N	NS	Sulfate in water	5c
		Chloride	12/01/13	11/30/20	50	26	21.25	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 Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	ID	NA	N	NA		
	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	26	4.33	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0815A - Waxahachie Creek

AU ID: 0815A_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	15	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4	15	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	15	.	1	0.97	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	15	.	13	4.47	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	15	.	1	17	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	15	.	1	0.39	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	15	123.66	0	.	LD	NC	Y	CN	Bacteria in water	

Seg ID: 0816 - Lake Waxahachie

AU ID: 0816_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	27	0.29	0	.	AD	FS	N	FS			
		Fluoride	12/01/13	11/30/20	4	27	0.27	0	.	AD	FS	N	FS			
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	27	190.99	0	.	AD	FS	N	FS			
		Sulfate	12/01/13	11/30/20	50	27	28.78	0	.	AD	FS	N	FS			
		Chloride	12/01/13	11/30/20	50	27	14.49	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	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	Water Temperature	12/01/13	11/30/20	32.8	27	.	1	33	AD	FS	N	FS			
		E. coli	12/01/13	11/30/20	126	27	5.1	0	.	AD	FS	N	FS			

Seg ID: 0817 - Navarro Mills Lake

AU ID: 0817_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	Zinc (dissolved)	12/01/13	11/30/20	136.57	9	.	0	.	LD	NC	N	NC		
		Selenium	12/01/13	11/30/20	20	10	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	545.6	9	.	0	.	LD	NC	N	NC		
		Mercury	12/01/13	11/30/20	2.4	10	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	78.58	9	.	0	.	LD	NC	N	NC		
		Silver (ionic)	12/01/13	11/30/20	0.8	10	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	16.84	10	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	660.68	9	.	0	.	LD	NC	N	NC		
		Cadmium (dissolved)	12/01/13	11/30/20	10.23	10	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/13	11/30/20	991	9	.	0	.	LD	NC	N	NC		
	Arsenic (dissolved)	12/01/13	11/30/20	340	10	.	0	.	AD	FS	N	FS			
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	128.08	9	2	0	.	LD	NC	N	NC		
		Nickel (dissolved)	12/01/13	11/30/20	56.37	9	2.27	0	.	LD	NC	N	NC		
		Mercury	12/01/13	11/30/20	1.3	10	0	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.79	9	0.24	0	.	LD	NC	N	NC		
		Selenium	12/01/13	11/30/20	5	10	1.55	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	10.27	10	1.22	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	80.13	9	1.74	0	.	LD	NC	N	NC		
		Cadmium (dissolved)	12/01/13	11/30/20	0.26	10	0.08	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	150	10	3.27	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0817 - Navarro Mills Lake
AU ID: 0817_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	.	2	4.5	AD	NC	N	NC			
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Selenium	12/01/13	11/30/20	50	10	1.05	0	.	AD	FS	N	FS			
		Nitrate	12/01/13	11/30/20	10	25	0.72	0	.	AD	FS	N	FS			
		Mercury	12/01/13	11/30/20	0.01	10	0	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/13	11/30/20	332	9	2.27	0	.	LD	NC	N	NC			
		Fluoride	12/01/13	11/30/20	4	24	0.3	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	1.15	9	0.24	0	.	LD	NC	N	NC			
		Cadmium (dissolved)	12/01/13	11/30/20	5	10	0.23	0	.	AD	FS	N	FS			
Arsenic (dissolved)	12/01/13	11/30/20	10	10	3.27	0	.	AD	FS	N	FS					
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	9	2.27	0	.	LD	NC	N	NC			
		Mercury	12/01/13	11/30/20	0.01	10	0	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	1.15	9	0.24	0	.	LD	NC	N	NC			
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	25	185.56	0	.	AD	FS	N	FS			
		Sulfate	12/01/13	11/30/20	75	24	21.96	0	.	AD	FS	N	FS			
		Chloride	12/01/13	11/30/20	50	24	10.99	0	.	AD	FS	N	FS			
		High pH	pH	12/01/13	11/30/20	9	25	.	0	.	AD	FS	N	FS		
		Low pH	pH	12/01/13	11/30/20	6.5	25	.	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	32.2	25	.	0	.	AD	FS	N	FS				
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	23	1.92	0	.	AD	FS	N	FS			

Seg ID: 0818 - Cedar Creek Reservoir
AU ID: 0818_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	32	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	32	.	4	4.66	AD	NC	N	NC			
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	31	0.14	0	.	AD	FS	N	FS			
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	241	116.57	0	.	AD	FS	N	FS			
		Sulfate	12/01/13	11/30/20	100	33	15.5	0	.	AD	FS	N	FS			
		Chloride	12/01/13	11/30/20	50	141	11.57	0	.	AD	FS	N	FS			
		High pH	pH	12/01/13	11/30/20	8.5	32	.	2	8.73	AD	FS	N	FS		
		Low pH	pH	12/01/13	11/30/20	6	32	.	0	.	AD	FS	N	FS		
		Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	32	.	0	.	AD	FS	N	FS				
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	32	1.82	0	.	AD	FS	N	FS			

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0818 - Cedar Creek Reservoir

AU ID: 0818_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	241	116.57	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	33	15.5	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	141	11.57	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	NS	High pH in water	5b
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		

Seg ID: 0818 - Cedar Creek Reservoir

AU ID: 0818_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	241	116.57	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	33	15.5	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	141	11.57	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	NS	High pH in water	5b
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		

Seg ID: 0818 - Cedar Creek Reservoir

AU ID: 0818_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	32	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	32	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	31	0.15	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	241	116.57	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	33	15.5	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	141	11.57	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	32	.	4	8.76	AD	FS	Y	NS	High pH in water	5b
	Low pH	pH	12/01/13	11/30/20	6	32	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	31	1.33	0	.	AD	FS	N	FS		
			12/01/13	11/30/20	126	31	1.33	0	.	AD	FS	N	FS		

Seg ID: 0818 - Cedar Creek Reservoir

AU ID: 0818_05

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	241	116.57	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	33	15.5	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	141	11.57	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	NS	High pH in water	5b
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0818 - Cedar Creek Reservoir

AU ID: 0818_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 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	3	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	3	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	78	.	3	2.09	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	78	.	11	3.59	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	31	0.19	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	241	116.57	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	33	15.5	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	141	11.57	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	78	.	2	9.2	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	78	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	78	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	31	2.1	0	.	AD	FS	N	FS		

Seg ID: 0818 - Cedar Creek Reservoir

AU ID: 0818_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
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	241	116.57	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	33	15.5	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	141	11.57	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	NS	High pH in water	5b
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		

Seg ID: 0818 - Cedar Creek Reservoir

AU ID: 0818_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
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	241	116.57	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	33	15.5	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	141	11.57	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	0	.	.	.	ID	NA	Y	NS	High pH in water	5b
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		

Seg ID: 0818 - Cedar Creek Reservoir

AU ID: 0818_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	32	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	32	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	30	0.12	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	241	116.57	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	33	15.5	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	141	11.57	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	32	.	6	8.87	AD	NS	N	NS	High pH in water	5b
	Low pH	pH	12/01/13	11/30/20	6	32	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	32	.	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0818 - Cedar Creek Reservoir
AU ID: 0818_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
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	30	2.57	0	.	AD	FS	N	FS		

**Seg ID: 0818 - Cedar Creek Reservoir
AU ID: 0818_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
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	241	116.57	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	33	15.5	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	141	11.57	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		

**Seg ID: 0818 - Cedar Creek Reservoir
AU ID: 0818_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	32	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	32	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	8	0.24	0	.	LD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	241	116.57	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	33	15.5	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	141	11.57	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	32	.	8	8.83	AD	NS	N	NS	High pH in water	5b
	Low pH	pH	12/01/13	11/30/20	6	32	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	8	29.27	0	.	LD	NC	N	NC		

**Seg ID: 0818 - Cedar Creek Reservoir
AU ID: 0818_12**

Use	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	241	116.57	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	33	15.5	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	141	11.57	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	0	.	.	.	ID	NA	Y	NS	High pH in water	5b
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		

**Seg ID: 0818 - Cedar Creek Reservoir
AU ID: 0818_13**

Use	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 screening level	Dissolved oxygen Grab	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	241	116.57	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	33	15.5	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	141	11.57	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0818 - Cedar Creek Reservoir
AU ID: 0818_14**

Use	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	33	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	33	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	31	0.13	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	200	241	116.57	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	33	15.5	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	141	11.57	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	32	.	3	8.7	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	32	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	32	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	31	1.44	0	.	AD	FS	N	FS		

**Seg ID: 0818B - Cedar Creek above Cedar Creek Reservoir
AU ID: 0818B_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	38	.	1	1.8	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	38	.	2	2.6	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	37	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	38	.	3	0.78	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	38	.	1	0.68	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	38	1102.89	1	.	AD	NS	N	NS	Bacteria in water	5b

**Seg ID: 0818C - Kings Creek
AU ID: 0818C_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	39	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	39	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	39	.	12	1.05	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	39	.	16	4.65	AD	CS	N	CS	Nitrate in water	
		Ammonia	12/01/13	11/30/20	0.33	39	.	3	0.88	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	39	670.79	1	.	AD	NS	N	NS	Bacteria in water	5b

**Seg ID: 0818D - Lacy Fork
AU ID: 0818D_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	22	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	22	.	0	.	AD	NC	N	NC		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0818D - Lacy Fork
AU ID: 0818D_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	22	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	22	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	22	.	2	1.01	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	22	1096.64	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 0818F - Clear Creek
AU ID: 0818F_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	.	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		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	14	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	14	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	14	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	14	1745.79	1	.	LD	CN	N	CN	Bacteria in water	

**Seg ID: 0818G - North Twin Creek
AU ID: 0818G_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	.	1	4.9	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	21	.	1	0.74	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	21	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	21	.	1	0.51	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	21	1648.67	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 0818H - South Twin Creek
AU ID: 0818H_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	16	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	16	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	16	.	1	0.71	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	16	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	16	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	16	785.15	1	.	LD	CN	N	CN	Bacteria in water	

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0818I - Caney Creek

AU ID: 0818I_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	19	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	19	.	0	.	AD	NC	N	NC		
General Use	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	.	1	2.22	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	19	.	1	0.43	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	19	494.31	1	.	LD	CN	N	CN	Bacteria in water	

Seg ID: 0818J - Purtis Creek State Park Lake

AU ID: 0818J_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	13	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	13	.	1	2.1	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	0.37	15	.	0	.	JQ	NA	N	NA		
		Total phosphorus	12/01/13	11/30/20	0.2	14	.	2	0.29	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	12	.	2	31.6	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	13	.	0	.	JQ	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	12	3.71	0	.	LD	NC	N	NC		

Seg ID: 0819 - East Fork Trinity River

AU ID: 0819_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	Zinc (dissolved)	12/01/13	11/30/20	209.23	8	.	0	.	LD	NC	N	NC			
		Silver (ionic)	12/01/13	11/30/20	0.8	6	.	0	.	LD	NC	N	NC			
		Nickel (dissolved)	12/01/13	11/30/20	835.31	8	.	0	.	LD	NC	N	NC			
		Selenium	12/01/13	11/30/20	20	8	.	0	.	LD	NC	N	NC			
		Copper (dissolved)	12/01/13	11/30/20	27.06	8	.	0	.	LD	NC	N	NC			
		Mercury	12/01/13	11/30/20	2.4	7	.	0	.	LD	NC	N	NC			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	997.83	8	.	0	.	LD	NC	N	NC			
		Lead (dissolved)	12/01/13	11/30/20	134.85	8	.	0	.	LD	NC	N	NC			
		Arsenic (dissolved)	12/01/13	11/30/20	340	8	.	0	.	LD	NC	N	NC			
		Aluminum (dissolved)	12/01/13	11/30/20	991	8	.	0	.	LD	NC	N	NC			
	Cadmium (dissolved)	12/01/13	11/30/20	16.68	8	.	0	.	LD	NC	N	NC				
	Chronic Toxic Substances in water	Selenium	12/01/13	11/30/20	5	7	2.29	0	.	LD	NC	N	NC			
		Nickel (dissolved)	12/01/13	11/30/20	60.25	7	3.64	0	.	LD	NC	N	NC			
		Mercury	12/01/13	11/30/20	1.3	7	0	0	.	LD	NC	N	NC			
		Lead (dissolved)	12/01/13	11/30/20	3.04	7	0.3	0	.	LD	NC	N	NC			
		Copper (dissolved)	12/01/13	11/30/20	10.99	7	5.49	0	.	LD	NC	N	NC			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	85.46	7	1.57	0	.	LD	NC	N	NC			
		Cadmium (dissolved)	12/01/13	11/30/20	0.28	7	0.09	0	.	LD	NC	N	NC			
	Dissolved Oxygen	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	46	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4	46	.	0	.	AD	NC	N	NC		
	Toxic Substances in sediment	Silver	12/01/13	11/30/20	1.7	3	.	0	.	ID	NA	N	NA			
		Nickel	12/01/13	11/30/20	48.6	3	.	0	.	ID	NA	N	NA			
		Mercury	12/01/13	11/30/20	1.06	3	.	0	.	ID	NA	N	NA			
		Iron	12/01/13	11/30/20	40000	3	.	0	.	ID	NA	N	NA			
Zinc		12/01/13	11/30/20	459	3	.	0	.	ID	NA	N	NA				

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0819 - East Fork Trinity River
AU ID: 0819_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Toxic Substances in sediment	Manganese	12/01/13	11/30/20	1100	2	.	0	.	ID	NA	N	NA		
		Copper	12/01/13	11/30/20	149	3	.	0	.	ID	NA	N	NA		
		Chromium	12/01/13	11/30/20	111	3	.	0	.	ID	NA	N	NA		
		Lead	12/01/13	11/30/20	128	3	.	0	.	ID	NA	N	NA		
		Cadmium	12/01/13	11/30/20	4.98	3	.	0	.	ID	NA	N	NA		
		Arsenic	12/01/13	11/30/20	33	3	.	0	.	ID	NA	N	NA		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	8	3.5	0	.	LD	NC	N	NC		
		Mercury	12/01/13	11/30/20	0.01	7	0	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/13	11/30/20	3.83	8	0.33	0	.	LD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	100	53	99.5	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	500	56	456.57	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	53	72.87	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	46	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	46	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	53	.	40	8.7	AD	CS	N	CS	Nitrate in water	
		Total phosphorus	12/01/13	11/30/20	0.69	47	.	34	1.89	AD	CS	N	CS	Total Phosphorus in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	49	.	16	25.27	AD	CS	N	CS	Chlorophyll-a in water	
Ammonia		12/01/13	11/30/20	0.33	46	.	3	0.95	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	32.8	46	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	47	152.57	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 0819B - Buffalo Creek
AU ID: 0819B_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	0	.	.	.	ID	NA	Y	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	0	.	.	.	ID	NA	Y	CS	Nitrate in water	

**Seg ID: 0820 - Lake Ray Hubbard
AU ID: 0820_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	Silver (ionic)	12/01/13	11/30/20	0.8	12	.	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/13	11/30/20	460.3	12	.	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	63.18	12	.	0	.	AD	FS	N	FS			
		Zinc (dissolved)	12/01/13	11/30/20	115.19	12	.	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	8.42	12	.	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	560.41	12	.	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/13	11/30/20	340	12	.	0	.	AD	FS	N	FS			
		Aluminum (dissolved)	12/01/13	11/30/20	991	12	.	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/13	11/30/20	13.93	12	.	0	.	AD	FS	N	FS			
		Zinc (dissolved)	12/01/13	11/30/20	116.13	12	4.35	0	.	AD	FS	N	FS			
	Chronic Toxic Substances in water	Nickel (dissolved)	12/01/13	11/30/20	51.13	12	1.66	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	2.46	12	0.5	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/13	11/30/20	9.31	12	1.26	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	72.9	12	2.5	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	0.24	12	0.12	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/13	11/30/20	150	12	2.5	0	.	AD	FS	N	FS			
		Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	77	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	77	.	0	.	AD	NC	N	NC		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0820 - Lake Ray Hubbard
AU ID: 0820_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	Nickel (dissolved)	12/01/13	11/30/20	332	12	1.66	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	12	0.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	12	0.15	0	.	AD	FS	N	FS		
		Barium (dissolved)	12/01/13	11/30/20	2000	12	46.37	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	12	2.5	0	.	AD	FS	N	FS		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	61	1.66	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	61	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	434	228.56	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	56	36.38	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	56	24.91	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	77	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	77	.	0	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	77	.	0	.	AD	FS	N	FS		

**Seg ID: 0820 - Lake Ray Hubbard
AU ID: 0820_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	Zinc (dissolved)	12/01/13	11/30/20	115.19	13	.	0	.	AD	FS	N	FS		
		Silver (ionic)	12/01/13	11/30/20	0.8	13	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	460.3	13	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	63.18	13	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	13.93	13	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	560.41	13	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	13	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	8.42	13	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/13	11/30/20	991	13	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Nickel (dissolved)	12/01/13	11/30/20	51.13	13	1.39	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	116.13	13	4.29	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	9.31	13	0.61	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.46	13	0.5	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	72.9	13	2.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.24	13	0.12	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	150	13	2.5	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	106	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	106	.	3	4.4	AD	NC	N	NC		
	Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	27	0.21	0	.	AD	FS	N	FS	
Fluoride			12/01/13	11/30/20	4	28	0.4	0	.	AD	FS	N	FS		
Nickel (dissolved)			12/01/13	11/30/20	332	13	1.39	0	.	AD	FS	N	FS		
Lead (dissolved)			12/01/13	11/30/20	1.15	13	0.5	0	.	AD	FS	N	FS		
Cadmium (dissolved)			12/01/13	11/30/20	5	13	0.15	0	.	AD	FS	N	FS		
Barium (dissolved)			12/01/13	11/30/20	2000	13	42.49	0	.	AD	FS	N	FS		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	61	1.66	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	61	0.5	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0820 - Lake Ray Hubbard
AU ID: 0820_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	434	228.56	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	56	36.38	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	56	24.91	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	106	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	106	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	26	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	27	.	5	0.46	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	24	.	10	36.47	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	27	.	0	.	JQ	NA	N	NA		
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	106	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	26	2.2	0	.	AD	FS	N	FS		

Seg ID: 0820 - Lake Ray Hubbard
AU ID: 0820_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	Acute Toxic Substances in water	Silver (ionic)	12/01/13	11/30/20	0.8	12	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	460.3	13	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	63.18	13	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	13.93	13	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	560.41	13	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	115.19	13	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	8.42	13	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	13	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/13	11/30/20	991	13	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	116.13	13	8.02	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	51.13	13	1.56	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.46	13	0.5	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	72.9	13	2.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.24	13	0.12	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	150	13	2.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	9.31	13	0.75	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	104	.	1	2.3	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	104	.	7	3.77	AD	NC	N	NC		
	Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	27	0.24	0	.	AD	FS	N	FS	
Nickel (dissolved)			12/01/13	11/30/20	332	13	1.56	0	.	AD	FS	N	FS		
Lead (dissolved)			12/01/13	11/30/20	1.15	13	0.5	0	.	AD	FS	N	FS		
Fluoride			12/01/13	11/30/20	4	28	0.39	0	.	AD	FS	N	FS		
Cadmium (dissolved)			12/01/13	11/30/20	5	13	0.15	0	.	AD	FS	N	FS		
Barium (dissolved)			12/01/13	11/30/20	2000	13	46.02	0	.	AD	FS	N	FS		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	61	1.66	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	61	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	434	228.56	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	56	24.91	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	56	36.38	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	104	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	104	.	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0820 - Lake Ray Hubbard
AU ID: 0820_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	0.2	25	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	27	.	7	0.48	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	26	.	7	39.21	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	26	.	0	.	JQ	NA	N	NA		
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	104	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	26	2.44	0	.	AD	FS	N	FS		

Seg ID: 0820 - Lake Ray Hubbard
AU ID: 0820_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	Acute Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	115.19	11	.	0	.	AD	FS	N	FS			
		Silver (ionic)	12/01/13	11/30/20	0.8	11	.	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/13	11/30/20	460.3	11	.	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	63.18	11	.	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/13	11/30/20	13.93	11	.	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	560.41	11	.	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	8.42	11	.	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/13	11/30/20	340	11	.	0	.	AD	FS	N	FS			
	Chronic Toxic Substances in water	Aluminum (dissolved)	12/01/13	11/30/20	991	11	.	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/13	11/30/20	51.13	11	1.5	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	2.46	11	0.5	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	72.9	11	2.5	0	.	AD	FS	N	FS			
		Zinc (dissolved)	12/01/13	11/30/20	116.13	11	9.39	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/13	11/30/20	9.31	11	1.22	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	0.24	11	0.12	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	74	.	0	.	AD	FS	N	FS			
			12/01/13	11/30/20	5	74	.	0	.	AD	NC	N	NC			
	Domestic Water Supply Use	Surface Water HH criteria for PWS average	Lead (dissolved)	12/01/13	11/30/20	1.15	11	0.5	0	.	AD	FS	N	FS		
			Cadmium (dissolved)	12/01/13	11/30/20	5	11	0.15	0	.	AD	FS	N	FS		
Barium (dissolved)			12/01/13	11/30/20	2000	11	46.46	0	.	AD	FS	N	FS			
Arsenic (dissolved)			12/01/13	11/30/20	10	11	2.5	0	.	AD	FS	N	FS			
Nickel (dissolved)			12/01/13	11/30/20	332	11	1.5	0	.	AD	FS	N	FS			
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	61	1.66	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	1.15	61	0.5	0	.	AD	FS	N	FS			
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	434	228.56	0	.	AD	FS	N	FS			
		Sulfate	12/01/13	11/30/20	100	56	36.38	0	.	AD	FS	N	FS			
		Chloride	12/01/13	11/30/20	100	56	24.91	0	.	AD	FS	N	FS			
	High pH	pH	12/01/13	11/30/20	9	75	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/13	11/30/20	6.5	75	.	0	.	AD	FS	N	FS			
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	75	.	0	.	AD	FS	N	FS			

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0820 - Lake Ray Hubbard
AU ID: 0820_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	Acute Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	115.19	12	.	0	.	AD	FS	N	FS		
		Silver (ionic)	12/01/13	11/30/20	0.8	12	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	460.3	12	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	63.18	12	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	13.93	12	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	560.41	12	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	8.42	12	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/13	11/30/20	991	12	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/13	11/30/20	340	12	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	116.13	12	5.79	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	51.13	12	2.18	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.46	12	0.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	9.31	12	1.1	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	72.9	12	2.5	0	.	AD	FS	N	FS		
Dissolved Oxygen grab minimum Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	72	.	0	.	AD	FS	N	FS			
	Dissolved oxygen Grab	12/01/13	11/30/20	5	72	.	2	4.55	AD	NC	N	NC			
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nickel (dissolved)	12/01/13	11/30/20	332	12	2.18	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	12	0.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	12	0.15	0	.	AD	FS	N	FS		
		Barium (dissolved)	12/01/13	11/30/20	2000	12	54.64	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	12	2.5	0	.	AD	FS	N	FS		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	61	1.66	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	61	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	434	228.56	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	56	36.38	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	56	24.91	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	71	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	71	.	0	.	AD	FS	N	FS		
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	72	.	0	.	AD	FS	N	FS			

**Seg ID: 0820B - Rowlett Creek
AU ID: 0820B_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	Zinc (dissolved)	12/01/13	11/30/20	252.11	18	.	0	.	AD	FS	N	FS		
		Silver (ionic)	12/01/13	11/30/20	0.8	11	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	1006.2	18	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	170.17	18	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	33.29	18	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	1194.85	18	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	20.66	18	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	18	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Aluminum (dissolved)	12/01/13	11/30/20	991	16	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	116.13	18	7.48	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	51.13	18	2.37	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.46	18	0.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	9.31	18	2.02	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	72.9	18	2.5	0	.	AD	FS	N	FS		
Dissolved Oxygen grab minimum Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	72	.	0	.	AD	FS	N	FS			
	Dissolved oxygen Grab	12/01/13	11/30/20	5	72	.	0	.	AD	FS	N	FS			

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0820B - Rowlett Creek

AU ID: 0820B_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	91	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4	91	.	0	.	AD	NC	N	NC		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	18	2.37	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	3.83	18	0.5	0	.	AD	FS	N	FS		
General Use	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	.	16	5.87	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	14	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	15	.	1	0.85	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	11/01/13	11/30/20	126	20	373.78	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0820C - Muddy Creek

AU ID: 0820C_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	Silver (ionic)	12/01/13	11/30/20	0.8	10	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	460.3	11	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	115.19	11	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	63.18	11	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	13.93	11	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	560.41	11	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	8.42	11	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	11	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/13	11/30/20	991	11	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	116.13	11	12.83	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.46	11	0.56	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	51.13	11	3.67	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	9.31	11	4.63	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	72.9	11	2.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.24	11	0.12	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	150	11	2.5	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	70	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	70	.	0	.	AD	NC	N	NC		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	11	3.67	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	3.83	11	0.56	0	.	AD	FS	N	FS		
General Use	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Nitrate in water	

Seg ID: 0821 - Lake Lavon

AU ID: 0821_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	126	.	2	3.24	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	126	.	7	3.56	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	126	0.32	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0821 - Lake Lavon
AU ID: 0821_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	400	878	231.95	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	60	867	35.71	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	867	21.85	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	126	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	126	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	126	.	1	0.48	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	126	.	56	0.58	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	118	.	49	44.32	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	126	.	15	0.17	JQ	NA	N	NA		
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	126	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	126	2.78	0	.	AD	FS	N	FS		

**Seg ID: 0821 - Lake Lavon
AU ID: 0821_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	436	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	436	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	426	1.39	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	878	231.95	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	60	867	35.71	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	867	21.85	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	437	.	8	9.19	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	437	.	1	6.15	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	426	.	56	0.35	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	426	.	330	1.76	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	404	.	261	68.9	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	426	.	73	0.4	JQ	NA	N	NA		
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	437	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	436	3.56	0	.	AD	FS	N	FS		

**Seg ID: 0821 - Lake Lavon
AU ID: 0821_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	63	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	63	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	63	0.13	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	878	231.95	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	60	867	35.71	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	867	21.85	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	63	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	63	.	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0821 - Lake Lavon AU ID: 0821_03															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	63	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	63	.	3	0.4	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	59	.	25	45.86	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	63	.	0	.	JQ	NA	N	NA		
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	63	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	63	2.31	0	.	AD	FS	N	FS		

Seg ID: 0821 - Lake Lavon AU ID: 0821_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	63	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	63	.	1	3.75	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	63	0.19	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	878	231.95	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	60	867	35.71	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	867	21.85	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	63	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	63	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	62	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	63	.	14	0.45	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	59	.	26	45.33	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	63	.	2	0.18	JQ	NA	N	NA		
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	63	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	63	2.39	0	.	AD	FS	N	FS		

Seg ID: 0821 - Lake Lavon AU ID: 0821_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	189	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	189	.	5	4.54	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	189	0.09	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	878	231.95	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	60	867	35.71	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	867	21.85	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	189	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	189	.	1	6.3	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	189	.	17	0.24	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	189	.	9	0.42	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	177	.	97	47.55	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	189	.	5	0.17	JQ	NA	N	NA		
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	189	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	174	5.84	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0821A - Pilot Grove Creek
AU ID: 0821A_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	51	.	1	1.6	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	51	.	1	1.6	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	61	.	2	1.44	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	61	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	58	.	7	18.83	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	61	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	57	155.18	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 0821B - Sister Grove Creek
AU ID: 0821B_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	38	.	1	2.8	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	38	.	7	3.73	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	59	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	59	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	56	.	8	28.2	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	59	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	51	133.34	1	.	AD	CN	N	CN	Bacteria in water	

**Seg ID: 0821C - Wilson Creek
AU ID: 0821C_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	4	4	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	4	.	0	.	SM	NC	N	NA		
	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	4	29	.	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	25	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	27	.	1	0.57	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	24	157.58	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 0821D - East Fork Trinity River above Lake Lavon
AU ID: 0821D_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	.	2	3.3	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	.	1	2.76	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	26	.	3	18.37	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	27	.	0	.	AD	NC	N	NC		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0821D - East Fork Trinity River above Lake Lavon

AU ID: 0821D_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	26	203.11	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0822 - Elm Fork Trinity River Below Lewisville Lake

AU ID: 0822_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	Nickel (dissolved)	12/01/13	11/30/20	607.35	10	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	90.11	12	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	18.97	12	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	732.93	12	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	152.06	12	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	11.57	12	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	12	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/13	11/30/20	991	10	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	133.97	12	2.5	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	58.96	10	1.79	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.96	12	0.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	10.75	12	1.01	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	83.69	12	2.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.27	12	0.14	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	150	12	2.5	0	.	AD	FS	N	FS		
		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	27	0.58	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	47	1.77	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	49	0.55	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	49	0.22	0	.	AD	FS	N	FS		
		Barium (dissolved)	12/01/13	11/30/20	2000	37	44.32	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	49	2.56	0	.	AD	FS	N	FS		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	47	1.77	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	49	0.55	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	260	242.37	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	60	27	51.75	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	27	25.95	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	25	.	0	.	AD	FS	N	FS		
			12/01/13	11/30/20	6.5	25	.	1	5.9	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	27	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	25	.	12	41.83	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	27	.	0	.	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	27	94.65	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0822 - Elm Fork Trinity River Below Lewisville Lake

AU ID: 0822_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	Nickel (dissolved)	12/01/13	11/30/20	530.88	13	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	75.88	13	.	0	.	AD	FS	N	FS		
		Silver (ionic)	12/01/13	11/30/20	0.8	12	.	1	1.31	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	16.33	13	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	132.88	13	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	643.41	13	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	9.91	13	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	13	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Aluminum (dissolved)	12/01/13	11/30/20	991	13	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	133.97	13	6.13	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	58.96	13	2.04	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.96	13	0.7	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	10.75	13	1.48	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	83.69	13	2.5	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	79	.	0	.	AD	FS	N	FS		
12/01/13			11/30/20	5	79	.	3	4.33	AD	NC	N	NC			
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	27	0.58	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	49	0.55	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	47	1.77	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	49	0.22	0	.	AD	FS	N	FS		
		Barium (dissolved)	12/01/13	11/30/20	2000	37	44.32	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	49	2.56	0	.	AD	FS	N	FS		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	47	1.77	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	49	0.55	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	260	242.37	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	60	27	51.75	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	27	25.95	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	79	.	1	9.6	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	79	.	0	.	AD	FS	N	FS		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	79	.	0	.	AD	FS	N	FS			

Seg ID: 0822 - Elm Fork Trinity River Below Lewisville Lake

AU ID: 0822_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	Nickel (dissolved)	12/01/13	11/30/20	530.88	12	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	75.88	12	.	0	.	AD	FS	N	FS		
		Silver (ionic)	12/01/13	11/30/20	0.8	11	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	16.33	12	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	132.88	12	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	643.41	12	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	9.91	12	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	12	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Aluminum (dissolved)	12/01/13	11/30/20	991	12	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	133.97	12	10.44	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	58.96	12	1.73	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.96	12	0.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	10.75	12	1.55	0	.	AD	FS	N	FS		
Chromium (Tri)(dissolved)	12/01/13	11/30/20	83.69	12	2.5	0	.	AD	FS	N	FS				
Cadmium (dissolved)	12/01/13	11/30/20	0.27	12	0.14	0	.	AD	FS	N	FS				

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0822 - Elm Fork Trinity River Below Lewisville Lake

AU ID: 0822_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	Arsenic (dissolved)	12/01/13	11/30/20	150	12	2.5	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	76	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	76	.	8	4.48	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	27	0.58	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	49	0.55	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	47	1.77	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	49	0.22	0	.	AD	FS	N	FS		
		Barium (dissolved)	12/01/13	11/30/20	2000	37	44.32	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	49	2.56	0	.	AD	FS	N	FS		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	47	1.77	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	49	0.55	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	260	242.37	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	60	27	51.75	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	27	25.95	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	77	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	77	.	0	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	77	.	0	.	AD	FS	N	FS		

Seg ID: 0822 - Elm Fork Trinity River Below Lewisville Lake

AU ID: 0822_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	Acute Toxic Substances in water	Silver (ionic)	12/01/13	11/30/20	0.8	12	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	530.88	12	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	75.88	12	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	16.33	12	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	643.41	12	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	9.91	12	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	12	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/13	11/30/20	991	12	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	132.88	12	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	58.96	12	1.5	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.96	12	0.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	10.75	12	0.89	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	83.69	12	2.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.27	12	0.14	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	150	12	2.5	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	133.97	12	9.43	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	75	.	1	2.9	AD	FS	N	FS		
Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	75	.	5	3.98	AD	NC	N	NC			
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	27	0.58	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	47	1.77	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	49	0.55	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	49	0.22	0	.	AD	FS	N	FS		
		Barium (dissolved)	12/01/13	11/30/20	2000	37	44.32	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	49	2.56	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0822 - Elm Fork Trinity River Below Lewisville Lake
AU ID: 0822_04**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Consumption Use	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	1.15	49	0.55	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	47	1.77	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	260	242.37	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	60	27	51.75	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	27	25.95	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	75	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	75	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water	
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	75	.	0	.	AD	FS	N	FS		

**Seg ID: 0822A - Cottonwood Branch
AU ID: 0822A_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	Zinc (dissolved)	12/01/13	11/30/20	174.5	12	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	107.31	12	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	22.11	12	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	837.28	12	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	13.55	12	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	133.97	12	2.5	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.96	12	0.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	10.75	12	1.47	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	83.69	12	2.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.27	12	0.14	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	37	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	37	.	2	2.5	AD	NC	N	NC		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	38.3	12	0.5	0	.	AD	FS	N	FS		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	37	.	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	36	.	14	27.71	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	37	.	1	0.37	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	37	27.38	0	.	AD	FS	N	FS		

**Seg ID: 0822A - Cottonwood Branch
AU ID: 0822A_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	37	.	1	1.8	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	37	.	3	2.4	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	37	184.09	1	.	AD	NS	N	NS	Bacteria in water	4a

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0822B - Grapevine Creek
AU ID: 0822B_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	Selenium	12/01/13	11/30/20	20	18	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Selenium	12/01/13	11/30/20	5	18	1.23	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	1.5	57	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	2	57	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	9	.	0	.	LD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	7	.	0	.	LD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	19	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	57	197.93	1	.	AD	NS	N	NS	Bacteria in water	4a

**Seg ID: 0822C - Hackberry Creek
AU ID: 0822C_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	Zinc (dissolved)	12/01/13	11/30/20	148.26	2	.	0	.	ID	NA	N	NA		
		Selenium	12/01/13	11/30/20	20	16	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	87.26	2	.	0	.	ID	NA	N	NA		
		Copper (dissolved)	12/01/13	11/30/20	18.45	2	.	0	.	ID	NA	N	NA		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	715.23	2	.	0	.	ID	NA	N	NA		
		Cadmium (dissolved)	12/01/13	11/30/20	11.24	2	.	0	.	ID	NA	N	NA		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	133.97	2	2.5	0	.	ID	NA	N	NA		
		Selenium	12/01/13	11/30/20	5	16	1.9	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.96	2	0.5	0	.	ID	NA	N	NA		
		Copper (dissolved)	12/01/13	11/30/20	10.75	2	1.98	0	.	ID	NA	N	NA		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	83.69	2	2.5	0	.	ID	NA	N	NA		
		Cadmium (dissolved)	12/01/13	11/30/20	0.27	2	0.14	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	20	.	0	.	AD	FS	N	FS		
Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	20	.	1	3.9	AD	NC	N	NC			
Fish Consumption Use	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	3.83	2	0.5	0	.	ID	NA	N	NA		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	46	.	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	42	.	18	25.06	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	53	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	19	67.73	0	.	LD	NC	N	NC		

**Seg ID: 0822D - Fishing Hole Lake
AU ID: 0822D_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	Zinc (dissolved)	12/01/13	11/30/20	132.88	13	.	0	.	AD	FS	N	FS		
		Silver (ionic)	12/01/13	11/30/20	0.8	13	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	530.88	13	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	75.88	13	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	16.33	13	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	643.41	13	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	9.91	13	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	13	.	0	.	AD	FS	N	FS		
Aluminum (dissolved)	12/01/13	11/30/20	991	13	.	0	.	AD	FS	N	FS				

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0822D - Fishing Hole Lake
AU ID: 0822D_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	Nickel (dissolved)	12/01/13	11/30/20	58.96	13	1.84	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.96	13	0.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	10.75	13	1.75	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	133.97	13	4.03	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	83.69	13	2.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.27	13	0.14	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	150	13	2.5	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	78	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	78	.	3	4.37	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nickel (dissolved)	12/01/13	11/30/20	332	13	1.84	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	13	0.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	13	0.15	0	.	AD	FS	N	FS		
		Barium (dissolved)	12/01/13	11/30/20	2000	13	44.51	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	13	2.5	0	.	AD	FS	N	FS		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	1.15	13	0.5	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	13	1.84	0	.	AD	FS	N	FS		

**Seg ID: 0822E - South Fork Hackberry Creek
AU ID: 0822E_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	Selenium	12/01/13	11/30/20	20	17	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Selenium	12/01/13	11/30/20	5	17	1	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	19	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	19	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	8	.	0	.	LD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	7	.	0	.	LD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	18	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	19	81.46	0	.	LD	NC	N	NC		

**Seg ID: 0823 - Lewisville Lake
AU ID: 0823_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	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	47	3.75	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	47	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	277	242.69	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/18	.	.	.	.	.	ID	NA	N	NA		

**Seg ID: 0823 - Lewisville Lake
AU ID: 0823_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	Zinc (dissolved)	12/01/13	11/30/20	123.11	12	.	1	461.63	AD	FS	N	FS		
		Silver (ionic)	12/01/13	11/30/20	0.8	11	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	491.9	12	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	68.81	12	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	15	12	.	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0823 - Lewisville Lake
AU ID: 0823_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	Chromium (Tri)(dissolved)	12/01/13	11/30/20	597.61	12	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	9.08	12	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	12	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/13	11/30/20	991	11	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	124.12	12	46.98	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	54.63	12	2.87	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.68	12	0.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	9.95	12	2.5	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	77.74	12	2.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.26	12	0.13	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	150	12	2.5	0	.	AD	FS	N	FS		
Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	67	.	0	.	AD	FS	N	FS			
Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	67	.	1	4.7	AD	NC	N	NC			
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nickel (dissolved)	12/01/13	11/30/20	332	12	2.87	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	12	0.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	12	0.15	0	.	AD	FS	N	FS		
		Barium (dissolved)	12/01/13	11/30/20	2000	12	35.49	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	12	2.5	0	.	AD	FS	N	FS		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	47	3.75	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	47	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	277	242.69	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	66	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	66	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/18	.	.	.	.	.	ID	NA	N	NA		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	67	.	1	32.5	AD	FS	N	FS		

**Seg ID: 0823 - Lewisville Lake
AU ID: 0823_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	Zinc (dissolved)	12/01/13	11/30/20	123.11	12	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	491.9	12	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	68.81	12	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	15	12	.	0	.	AD	FS	N	FS		
		Silver (ionic)	12/01/13	11/30/20	0.8	11	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	597.61	12	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	9.08	12	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	12	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Aluminum (dissolved)	12/01/13	11/30/20	991	11	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	124.12	12	9.09	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	54.63	12	9.08	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.68	12	0.57	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	9.95	12	2.24	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	77.74	12	4.38	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.26	12	0.13	0	.	AD	FS	N	FS		
	Arsenic (dissolved)	12/01/13	11/30/20	150	12	3.33	0	.	AD	FS	N	FS			
Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	74	.	1	1.7	AD	FS	N	FS			
Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	74	.	2	3.3	AD	NC	N	NC			

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0823 - Lewisville Lake
AU ID: 0823_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	Nickel (dissolved)	12/01/13	11/30/20	332	12	9.08	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	12	0.51	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	12	0.26	0	.	AD	FS	N	FS		
		Barium (dissolved)	12/01/13	11/30/20	2000	12	43.2	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	12	2.71	0	.	AD	FS	N	FS		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	47	3.75	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	47	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	277	242.69	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	72	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	72	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11	11/30/18	.	.	.	.	.	ID	NA	N	NA		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	74	.	0	.	AD	FS	N	FS		

Seg ID: 0823 - Lewisville Lake
AU ID: 0823_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	Acute Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	123.11	13	.	1	139.18	AD	FS	N	FS		
		Silver (ionic)	12/01/13	11/30/20	0.8	13	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	491.9	13	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	68.81	13	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	15	13	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	597.61	13	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	9.08	13	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	13	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Aluminum (dissolved)	12/01/13	11/30/20	991	12	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	124.12	13	14.13	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	54.63	13	1.46	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.68	13	0.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	9.95	13	0.89	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	77.74	13	2.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.26	13	0.13	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	78	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	78	.	0	.	AD	NC	N	NC	
	Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nickel (dissolved)	12/01/13	11/30/20	332	13	1.46	0	.	AD	FS	N	FS	
Lead (dissolved)			12/01/13	11/30/20	1.15	13	0.5	0	.	AD	FS	N	FS		
Cadmium (dissolved)			12/01/13	11/30/20	5	13	0.15	0	.	AD	FS	N	FS		
Barium (dissolved)			12/01/13	11/30/20	2000	13	45.35	0	.	AD	FS	N	FS		
Arsenic (dissolved)			12/01/13	11/30/20	10	13	2.5	0	.	AD	FS	N	FS		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	47	3.75	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	47	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	277	242.69	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	77	.	1	9.1	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	77	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11	11/30/18	.	.	.	.	.	ID	NA	N	NA		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	78	.	1	32.8	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0823 - Lewisville Lake
AU ID: 0823_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	Acute Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	123.11	10	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	491.9	10	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	68.81	10	.	0	.	AD	FS	N	FS		
		Silver (ionic)	12/01/13	11/30/20	0.8	10	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	15	10	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	597.61	10	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	9.08	10	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	10	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Aluminum (dissolved)	12/01/13	11/30/20	991	10	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	54.63	10	1.41	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.68	10	0.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	9.95	10	1.01	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	124.12	10	4.36	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	77.74	10	2.5	0	.	AD	FS	N	FS		
Dissolved Oxygen grab minimum Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	60	.	0	.	AD	FS	N	FS			
	Dissolved oxygen Grab	12/01/13	11/30/20	5	60	.	0	.	AD	NC	N	NC			
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Lead (dissolved)	12/01/13	11/30/20	1.15	10	0.5	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	10	1.41	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	10	0.15	0	.	AD	FS	N	FS		
		Barium (dissolved)	12/01/13	11/30/20	2000	10	43.34	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	10	2.5	0	.	AD	FS	N	FS		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	47	3.75	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	47	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	277	242.69	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	60	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	60	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11	11/30/18	.	.	.	.	.	ID	NA	N	NA		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	60	.	1	32.5	AD	FS	N	FS		

Seg ID: 0823 - Lewisville Lake
AU ID: 0823_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
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	47	3.75	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	47	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	277	242.69	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11	11/30/18	.	.	.	.	.	ID	NA	N	NA		

Seg ID: 0823A - Little Elm Creek
AU ID: 0823A_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	Zinc (dissolved)	12/01/13	11/30/20	123.11	3	.	0	.	ID	NA	N	NA		
		Silver (ionic)	12/01/13	11/30/20	0.8	3	.	0	.	ID	NA	N	NA		
		Nickel (dissolved)	12/01/13	11/30/20	491.9	3	.	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/13	11/30/20	68.81	3	.	0	.	ID	NA	N	NA		
		Copper (dissolved)	12/01/13	11/30/20	15	3	.	0	.	ID	NA	N	NA		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	597.61	3	.	0	.	ID	NA	N	NA		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0823A - Little Elm Creek
AU ID: 0823A_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	Cadmium (dissolved)	12/01/13	11/30/20	9.08	3	.	0	.	ID	NA	N	NA		
		Arsenic (dissolved)	12/01/13	11/30/20	340	3	.	0	.	ID	NA	N	NA		
		Aluminum (dissolved)	12/01/13	11/30/20	991	2	.	0	.	ID	NA	N	NA		
	Chronic Toxic Substances in water	Nickel (dissolved)	12/01/13	11/30/20	54.63	3	5.85	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/13	11/30/20	2.68	3	0.5	0	.	ID	NA	N	NA		
		Zinc (dissolved)	12/01/13	11/30/20	124.12	3	5.96	0	.	ID	NA	N	NA		
		Copper (dissolved)	12/01/13	11/30/20	9.95	3	2.74	0	.	ID	NA	N	NA		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	77.74	3	2.5	0	.	ID	NA	N	NA		
		Cadmium (dissolved)	12/01/13	11/30/20	0.26	3	0.13	0	.	ID	NA	N	NA		
		Arsenic (dissolved)	12/01/13	11/30/20	150	3	2.5	0	.	ID	NA	N	NA		
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	.	0	.	AD	NC	N	NC			
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	3	5.85	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/13	11/30/20	3.83	3	0.5	0	.	ID	NA	N	NA		

**Seg ID: 0823B - Stewart Creek
AU ID: 0823B_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	0	.	.	.	ID	NA	Y	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	0	.	.	.	ID	NA	Y	CS	Nitrate in water	

**Seg ID: 0823C - Clear Creek
AU ID: 0823C_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	Zinc (dissolved)	12/01/13	11/30/20	123.11	11	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	491.9	11	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	68.81	11	.	0	.	AD	FS	N	FS		
		Silver (ionic)	12/01/13	11/30/20	0.8	11	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	15	11	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	597.61	11	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	9.08	11	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	11	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Aluminum (dissolved)	12/01/13	11/30/20	991	10	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	124.12	11	10.43	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	54.63	11	1.12	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.68	11	0.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	9.95	11	1.13	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	77.74	11	2.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.26	11	0.13	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	94	.	1	2.9	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	94	.	3	4.13	AD	NC	N	NC	
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	11	1.12	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	3.83	11	0.5	0	.	AD	FS	N	FS		
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	27	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	27	.	2	46.7	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	25	.	0	.	AD	NC	N	NC		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0823C - Clear Creek

AU ID: 0823C_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	27	186.11	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0823D - Doe Branch

AU ID: 0823D_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	Zinc (dissolved)	12/01/13	11/30/20	123.11	9	.	0	.	LD	NC	N	NC		
		Silver (ionic)	12/01/13	11/30/20	0.8	8	.	0	.	LD	NC	N	NC		
		Nickel (dissolved)	12/01/13	11/30/20	491.9	9	.	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/13	11/30/20	68.81	9	.	0	.	LD	NC	N	NC		
		Copper (dissolved)	12/01/13	11/30/20	15	9	.	0	.	LD	NC	N	NC		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	597.61	9	.	0	.	LD	NC	N	NC		
		Cadmium (dissolved)	12/01/13	11/30/20	9.08	9	.	0	.	LD	NC	N	NC		
		Arsenic (dissolved)	12/01/13	11/30/20	340	9	.	0	.	LD	NC	N	NC		
		Aluminum (dissolved)	12/01/13	11/30/20	991	9	.	0	.	LD	NC	N	NC		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	124.12	9	5.62	0	.	LD	NC	N	NC		
		Nickel (dissolved)	12/01/13	11/30/20	54.63	9	1.25	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/13	11/30/20	2.68	9	0.5	0	.	LD	NC	N	NC		
		Copper (dissolved)	12/01/13	11/30/20	9.95	9	1.39	0	.	LD	NC	N	NC		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	77.74	9	2.5	0	.	LD	NC	N	NC		
		Cadmium (dissolved)	12/01/13	11/30/20	0.26	9	0.13	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	1.5	55	.	0	.	AD	FS	N	FS		
			12/01/13	11/30/20	2	55	.	0	.	AD	NC	N	NC		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	9	1.25	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/13	11/30/20	3.83	9	0.5	0	.	LD	NC	N	NC		

Seg ID: 0824 - Elm Fork Trinity River Above Ray Roberts Lake

AU ID: 0824_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	Zinc (dissolved)	12/01/13	11/30/20	93.9	12	.	0	.	AD	FS	N	FS		
		Silver (ionic)	12/01/13	11/30/20	0.8	12	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	375.35	12	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	48.53	12	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	11.1	12	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	459.97	12	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	6.66	12	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	12	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/13	11/30/20	991	11	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	94.67	12	11.48	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	41.69	12	2.35	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.89	12	0.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	7.57	12	1.92	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	59.83	12	2.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.21	12	0.1	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	71	.	0	.	AD	FS	N	FS		
			12/01/13	11/30/20	5	71	.	1	4.9	AD	NC	N	NC		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0824 - Elm Fork Trinity River Above Ray Roberts Lake

AU ID: 0824_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	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	12	2.35	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	3.83	12	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	90	26	31.73	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	700	111	364.21	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	110	26	21.29	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	71	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	71	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	0	.	.	.	ID	NA	Y	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water	
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	71	.	0	.	AD	FS	N	FS			

Seg ID: 0824 - Elm Fork Trinity River Above Ray Roberts Lake

AU ID: 0824_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	12	2.35	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	3.83	12	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	700	111	364.21	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	90	26	31.73	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	110	26	21.29	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	0	.	.	.	ID	NA	Y	CS	Nitrate in water	

Seg ID: 0824 - Elm Fork Trinity River Above Ray Roberts Lake

AU ID: 0824_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	19	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	19	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	40	.	1	2.8	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	40	.	3	3.97	SM	NC	N	NA		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	12	2.35	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	3.83	12	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	90	26	31.73	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	700	111	364.21	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	110	26	21.29	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	40	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	40	.	0	.	AD	FS	N	FS		
	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	28	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	27	.	9	35.83	AD	CS	N	CS	Chlorophyll-a in water	
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	40	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	27	265.92	1	.	AD	NS	N	NS	Bacteria in water	5c

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0824 - Elm Fork Trinity River Above Ray Roberts Lake

AU ID: 0824_04

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	12	2.35	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	3.83	12	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	700	111	364.21	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	90	26	31.73	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	110	26	21.29	0	.	AD	FS	N	FS		

Seg ID: 0824 - Elm Fork Trinity River Above Ray Roberts Lake

AU ID: 0824_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
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	12	2.35	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	3.83	12	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	700	111	364.21	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	90	26	31.73	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	110	26	21.29	0	.	AD	FS	N	FS		

Seg ID: 0825 - Denton Creek

AU ID: 0825_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	Zinc (dissolved)	12/01/13	11/30/20	134.82	13	.	0	.	AD	FS	N	FS			
		Silver (ionic)	12/01/13	11/30/20	0.8	12	.	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/13	11/30/20	538.61	13	.	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	77.3	13	.	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/13	11/30/20	16.6	13	.	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	652.48	13	.	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	10.08	13	.	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/13	11/30/20	340	13	.	0	.	AD	FS	N	FS			
	Chronic Toxic Substances in water	Aluminum (dissolved)	12/01/13	11/30/20	991	13	.	0	.	AD	FS	N	FS			
		Zinc (dissolved)	12/01/13	11/30/20	135.92	13	15.35	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/13	11/30/20	59.82	13	1.88	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	3.01	13	0.5	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/13	11/30/20	10.91	13	1.74	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	84.87	13	2.5	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	0.28	13	0.14	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	150	13	2.5	0	.	AD	FS	N	FS			
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	79	.	0	.	AD	NC	N	NC		
	Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nickel (dissolved)	12/01/13	11/30/20	332	13	1.88	0	.	AD	FS	N	FS		
			Lead (dissolved)	12/01/13	11/30/20	1.15	13	0.5	0	.	AD	FS	N	FS		
Cadmium (dissolved)			12/01/13	11/30/20	5	13	0.15	0	.	AD	FS	N	FS			
Barium (dissolved)			12/01/13	11/30/20	2000	13	55.3	0	.	AD	FS	N	FS			
Arsenic (dissolved)			12/01/13	11/30/20	10	13	2.5	0	.	AD	FS	N	FS			
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	13	1.88	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	1.15	13	0.5	0	.	AD	FS	N	FS			

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0825 - Denton Creek

AU ID: 0825_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	500	80	313.97	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	80	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	80	.	0	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	80	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

Seg ID: 0825A - Cottonwood Branch

AU ID: 0825A_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	Selenium	12/01/13	11/30/20	20	12	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Selenium	12/01/13	11/30/20	5	12	4.87	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	16	.	1	2.94	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	16	.	2	3.91	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	7	.	0	.	LD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	5	.	1	28.5	LD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	12	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	14	46.67	0	.	LD	NC	N	NC		

Seg ID: 0826 - Grapevine Lake

AU ID: 0826_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	Nickel (dissolved)	12/01/13	11/30/20	538.61	12	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	77.3	12	.	0	.	AD	FS	N	FS		
		Silver (ionic)	12/01/13	11/30/20	0.8	12	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	16.6	12	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	652.48	12	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	134.82	12	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	10.08	12	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	12	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Aluminum (dissolved)	12/01/13	11/30/20	991	12	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	135.92	12	8.39	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	59.82	12	1.44	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	3.01	12	0.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	10.91	12	1.04	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	84.87	12	2.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.28	12	0.14	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	97	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	97	.	4	4.54	AD	NC	N	NC	
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	27	0.3	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	12	1.44	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	12	0.5	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	26	0.2	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	12	0.15	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	2000	12	57.91	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0826 - Grapevine Lake
AU ID: 0826_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	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	32	1.41	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	32	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	251	250.42	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	60	53	33.85	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	53	32.61	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	98	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	98	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	98	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	26	1.98	0	.	AD	FS	N	FS		

**Seg ID: 0826 - Grapevine Lake
AU ID: 0826_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	32	1.41	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	32	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	251	250.42	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	60	53	33.85	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	53	32.61	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		

**Seg ID: 0826 - Grapevine Lake
AU ID: 0826_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	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	32	1.41	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	32	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	251	250.42	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	60	53	33.85	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	53	32.61	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		

**Seg ID: 0826 - Grapevine Lake
AU ID: 0826_04**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	32	1.41	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	32	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	251	250.42	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	60	53	33.85	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	53	32.61	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0826 - Grapevine Lake
AU ID: 0826_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	Acute Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	134.82	10	.	0	.	AD	FS	N	FS		
		Silver (ionic)	12/01/13	11/30/20	0.8	10	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	538.61	10	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	77.3	10	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	16.6	10	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	652.48	10	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	10.08	10	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	10	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Aluminum (dissolved)	12/01/13	11/30/20	991	10	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	135.92	10	3.35	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	59.82	10	1.4	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	3.01	10	0.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	10.91	10	0.77	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	84.87	10	2.5	0	.	AD	FS	N	FS		
Dissolved Oxygen grab minimum Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	60	.	0	.	AD	FS	N	FS			
	Dissolved oxygen Grab	12/01/13	11/30/20	5	60	.	1	4.3	AD	NC	N	NC			
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nickel (dissolved)	12/01/13	11/30/20	332	10	1.4	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	10	0.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	10	0.15	0	.	AD	FS	N	FS		
		Barium (dissolved)	12/01/13	11/30/20	2000	10	58.86	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	10	2.5	0	.	AD	FS	N	FS		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	32	1.41	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	32	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	60	53	33.85	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	500	251	250.42	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	53	32.61	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	60	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	60	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	60	.	0	.	AD	FS	N	FS			

Seg ID: 0826 - Grapevine Lake
AU ID: 0826_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	Acute Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	134.82	10	.	0	.	AD	FS	N	FS		
		Silver (ionic)	11/19/13	11/30/20	0.8	10	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	538.61	10	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	77.3	10	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	16.6	10	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	652.48	10	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	10.08	10	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	10	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Aluminum (dissolved)	12/01/13	11/30/20	991	10	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	135.92	10	5.2	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	59.82	10	1.38	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	3.01	10	0.5	0	.	AD	FS	N	FS		
Copper (dissolved)	12/01/13	11/30/20	10.91	10	0.92	0	.	.	AD	FS	N	FS			
	Chromium (Tri)(dissolved)	12/01/13	11/30/20	84.87	10	2.5	0	.	AD	FS	N	FS			
Cadmium (dissolved)	12/01/13	11/30/20	0.28	10	0.16	0	.	.	AD	FS	N	FS			

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0826 - Grapevine Lake
AU ID: 0826_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	Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/13	11/30/20	150	10	2.5	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	93	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	93	.	3	4.23	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	27	0.26	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	10	0.5	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	10	1.38	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	27	0.21	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	10	0.17	0	.	AD	FS	N	FS		
		Barium (dissolved)	12/01/13	11/30/20	2000	10	57.29	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	10	2.5	0	.	AD	FS	N	FS		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	32	1.41	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	32	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	251	250.42	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	60	53	33.85	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	53	32.61	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	93	.	1	9.1	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	93	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	28	2.77	0	.	AD	FS	N	FS		

**Seg ID: 0826 - Grapevine Lake
AU ID: 0826_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
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	32	1.41	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	32	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	251	250.42	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	60	53	33.85	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	53	32.61	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	0	.	.	.	ID	NA	Y	NS	High pH in water	5c
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		

**Seg ID: 0826 - Grapevine Lake
AU ID: 0826_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	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	32	1.41	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	32	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	251	250.42	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	60	53	33.85	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	53	32.61	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0826A - Denton Creek
AU ID: 0826A_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	Zinc (dissolved)	12/01/13	11/30/20	134.82	7	.	0	.	LD	NC	N	NC		
		Silver (ionic)	12/01/13	11/30/20	0.8	10	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	538.61	7	.	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/13	11/30/20	77.3	7	.	0	.	LD	NC	N	NC		
		Copper (dissolved)	12/01/13	11/30/20	16.6	7	.	0	.	LD	NC	N	NC		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	652.48	7	.	0	.	LD	NC	N	NC		
		Cadmium (dissolved)	12/01/13	11/30/20	10.08	7	.	0	.	LD	NC	N	NC		
		Arsenic (dissolved)	12/01/13	11/30/20	340	7	.	0	.	LD	NC	N	NC		
	Chronic Toxic Substances in water	Aluminum (dissolved)	12/01/13	11/30/20	991	7	.	0	.	LD	NC	N	NC		
		Zinc (dissolved)	12/01/13	11/30/20	135.92	7	23.53	0	.	LD	NC	N	NC		
		Nickel (dissolved)	12/01/13	11/30/20	59.82	7	1.57	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/13	11/30/20	3.01	7	0.5	0	.	LD	NC	N	NC		
		Copper (dissolved)	12/01/13	11/30/20	10.91	7	2.76	0	.	LD	NC	N	NC		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	84.87	7	2.5	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	36	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	36	.	1	4.8	AD	NC	N	NC	
	Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	23	1.19	0	.	AD	FS	N	FS	
Lead (dissolved)			12/01/13	11/30/20	3.83	23	0.5	0	.	AD	FS	N	FS		
General Use	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Nitrate in water	

Seg ID: 0826A - Denton Creek
AU ID: 0826A_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	Zinc (dissolved)	12/01/13	11/30/20	134.82	16	.	1	2009.88	AD	FS	N	FS		
		Silver (ionic)	12/01/13	11/30/20	0.8	16	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	538.61	16	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	77.3	16	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	16.6	16	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	652.48	16	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	10.08	16	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	16	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Aluminum (dissolved)	12/01/13	11/30/20	991	16	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	59.82	16	1.02	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	3.01	16	0.5	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	135.92	16	133.24	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	10.91	16	1.07	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	84.87	16	2.5	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	88	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	88	.	4	4.53	AD	NC	N	NC	
	Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	23	1.19	0	.	AD	FS	N	FS	
Lead (dissolved)			12/01/13	11/30/20	3.83	23	0.5	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0826A - Denton Creek

AU ID: 0826A_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	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	23	1.19	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	3.83	23	0.5	0	.	AD	FS	N	FS		

Seg ID: 0826A - Denton Creek

AU ID: 0826A_04

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	23	1.19	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	3.83	23	0.5	0	.	AD	FS	N	FS		

Seg ID: 0827 - White Rock Lake

AU ID: 0827_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	5	28	.	5	4.36	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	28	232.86	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	26	37.87	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	26	24.3	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	28	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	28	.	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	33.9	28	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	27	27.34	0	.	AD	FS	N	FS		

Seg ID: 0827A - White Rock Creek above White Rock Lake

AU ID: 0827A_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	Zinc (dissolved)	12/01/13	11/30/20	242.56	12	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	968.16	10	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	162.2	12	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	31.89	12	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	1151.09	12	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	19.76	12	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	12	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	114.12	12	2.85	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	50.24	10	1.46	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.41	12	0.54	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	9.14	12	1.6	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	71.68	12	2.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.24	12	0.12	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	150	12	2.5	0	.	AD	FS	N	FS		
	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	4	2	.	1	3.3	ID	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	2	.	1	0.2	ID	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	37	.	0	.	AD	FS	N	FS		
Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4	37	.	0	.	AD	NC	N	NC			
Fish Community (Regional)	Fish community	12/01/13	11/30/20	35	2	48	.	.	AD	FS	N	FS			
Habitat	Habitat	12/01/13	11/30/20	14	2	20	.	.	AD	NC	N	NC			
Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	22	2	25	.	.	AD	FS	N	FS			

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0827A - White Rock Creek above White Rock Lake

AU ID: 0827A_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	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	10	1.46	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	3.83	12	0.54	0	.	AD	FS	N	FS		
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	35	.	4	2.19	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	32	.	1	16	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	35	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	35	379.32	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0828 - Lake Arlington

AU ID: 0828_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	300	131	190.58	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	31	29.74	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	81	18.13	0	.	AD	FS	N	FS		

Seg ID: 0828 - Lake Arlington

AU ID: 0828_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	4	.	0	.	SM	NC	N	NA	
		Dissolved Oxygen 24hr minimum		Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	4	.	0	.	SM	NC	N	NA	
		Dissolved Oxygen grab minimum		Dissolved oxygen Grab	12/01/13	11/30/20	3	32	.	0	.	AD	FS	N	FS	
		Dissolved Oxygen grab screening level		Dissolved oxygen Grab	12/01/13	11/30/20	5	32	.	2	3.91	AD	NC	N	NC	
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	31	0.14	0	.	AD	FS	N	FS			
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	131	190.58	0	.	AD	FS	N	FS			
		Sulfate	12/01/13	11/30/20	100	31	29.74	0	.	AD	FS	N	FS			
		Chloride	12/01/13	11/30/20	100	81	18.13	0	.	AD	FS	N	FS			
	High pH		pH	12/01/13	11/30/20	9	32	.	0	.	AD	FS	N	FS		
	Low pH		pH	12/01/13	11/30/20	6.5	32	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	32	.	0	.	JQ	NA	N	NA			
		Nitrate	12/01/13	11/30/20	0.37	31	.	4	0.44	JQ	NA	N	NA			
		Chlorophyll-a	12/01/13	11/30/20	26.7	32	.	5	33.98	JQ	NA	N	NA			
Ammonia	12/01/13	11/30/20	0.11	32	.	4	0.22	JQ	NA	N	NA					
Water Temperature		Water temperature	12/01/13	11/30/20	35	32	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	31	4.69	0	.	AD	FS	N	FS			

Seg ID: 0828 - Lake Arlington

AU ID: 0828_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	131	190.58	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	31	29.74	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	81	18.13	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0828 - Lake Arlington
AU ID: 0828_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	131	190.58	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	31	29.74	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	81	18.13	0	.	AD	FS	N	FS		

Seg ID: 0828 - Lake Arlington
AU ID: 0828_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	32	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	32	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	17	0.21	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	131	190.58	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	31	29.74	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	81	18.13	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	32	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	32	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	17	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	17	.	4	0.41	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	17	.	2	42.3	JQ	NA	N	NA		
	Ammonia	12/01/13	11/30/20	0.11	17	.	2	0.16	JQ	NA	N	NA			
	Water Temperature	Water temperature	12/01/13	11/30/20	35	32	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	17	42.51	0	.	LD	NC	N	NC		

Seg ID: 0828 - Lake Arlington
AU ID: 0828_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	32	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	32	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	30	0.14	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	131	190.58	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	31	29.74	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	81	18.13	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	32	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	32	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	30	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	30	.	4	0.42	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	30	.	4	35.83	JQ	NA	N	NA		
	Ammonia	12/01/13	11/30/20	0.11	31	.	2	0.18	JQ	NA	N	NA			
	Water Temperature	Water temperature	12/01/13	11/30/20	35	32	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	30	8.86	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0828 - Lake Arlington
AU ID: 0828_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	Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/13	11/30/20	569.76	1	.	0	.	ID	NA	N	NA		
		Arsenic (dissolved)	12/01/13	11/30/20	340	1	.	0	.	ID	NA	N	NA		
	Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/13	11/30/20	74.11	1	2	0	.	ID	NA	N	NA		
		Arsenic (dissolved)	12/01/13	11/30/20	150	1	2	0	.	ID	NA	N	NA		
	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	.	1	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	16	0.38	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	1	2	0	.	ID	NA	N	NA		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	131	190.58	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	31	29.74	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	81	18.13	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	31	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	31	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	16	.	1	0.34	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	16	.	7	0.56	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	16	.	0	.	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	16	.	1	0.11	JQ	NA	N	NA		
Water Temperature	Water temperature	12/01/13	11/30/20	35	31	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	15	.	1	.	LD	CN	N	CN	Bacteria in water	

**Seg ID: 0828 - Lake Arlington
AU ID: 0828_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
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	131	190.58	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	31	29.74	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	81	18.13	0	.	AD	FS	N	FS		

**Seg ID: 0828A - Village Creek
AU ID: 0828A_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	12/01/13	11/30/20	3	2	.	0	.	ID	NA	N	NA		
		Dissolved Oxygen 24hr minimum	12/01/13	11/30/20	2	2	.	0	.	ID	NA	N	NA		
		Dissolved Oxygen grab minimum	12/01/13	11/30/20	2	72	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	12/01/13	11/30/20	3	72	.	0	.	AD	NC	N	NC		
		Fish Community (Regional)	12/01/13	11/30/20	11	2	47	.	.	AD	FS	N	FS		
		Habitat	12/01/13	11/30/20	4	2	20	.	.	AD	NC	N	NC		
		Macrobenthic community (Qualitative)	12/01/13	11/30/20	11	2	28	.	.	AD	FS	N	FS		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	68	.	2	1.03	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	69	.	6	3.09	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	43	.	1	22	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	27	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	70	525.1	1	.	AD	NS	N	NS	Bacteria in water	5c

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0829 - Clear Fork Trinity River Below Benbrook Lake
AU ID: 0829_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 No Consumption Advisory	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
		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	500	99	294.12	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	27	36.51	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	27	24.6	0	.	AD	FS	N	FS		

**Seg ID: 0829 - Clear Fork Trinity River Below Benbrook Lake
AU ID: 0829_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	94	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	94	.	4	4.2	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	27	0.31	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	27	0.24	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS No Consumption Advisory	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
		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	500	99	294.12	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	27	36.51	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	27	24.6	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	93	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	93	.	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	27	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	27	.	8	18.38	AD	CS	N	CS	Chlorophyll-a in water	
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	94	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	52	231.86	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 0829 - Clear Fork Trinity River Below Benbrook Lake
AU ID: 0829_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	Fish Community (Regional)	Fish community	12/01/13	11/30/20	41	2	49	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/13	11/30/20	20	2	25	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	29	2	27	.	.	AD	NS	N	CN	Impaired macrobenthic community in water	
Fish Consumption Use	DSHS No Consumption Advisory	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
		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	500	99	294.12	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	27	36.51	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	27	24.6	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0829A - Lake Como

AU ID: 0829A_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Arsenic	12/01/13	11/30/20	0.04	0	.	.	.	ID	NA	Y	CS	Arsenic in edible tissue	
	DSHS No Consumption Advisory	PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	4a
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
		Dieldrin	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dieldrin in edible tissue	4a

Seg ID: 0830 - Benbrook Lake

AU ID: 0830_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	Chromium (Tri)(dissolved)	12/01/13	11/30/20	609.89	1	.	0	.	ID	NA	N	NA		
		Arsenic (dissolved)	12/01/13	11/30/20	340	1	.	0	.	ID	NA	N	NA		
	Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/13	11/30/20	71.68	1	2	0	.	ID	NA	N	NA		
		Arsenic (dissolved)	12/01/13	11/30/20	150	1	2	0	.	ID	NA	N	NA		
	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	3	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	3	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	32	.	0	.	AD	FS	N	FS		
Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	32	.	3	4.02	AD	NC	N	NC			
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	60	0.15	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	1	2	0	.	ID	NA	N	NA		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	132	200.64	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	32	25.59	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	100	21.92	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	32	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	32	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	32	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	29	5.22	0	.	AD	FS	N	FS		

Seg ID: 0830 - Benbrook Lake

AU ID: 0830_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	32	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	32	.	2	3.91	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	37	0.12	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	132	200.64	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	32	25.59	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	100	21.92	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	32	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	32	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	32	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	29	2.91	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0830 - Benbrook Lake
AU ID: 0830_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	32	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	32	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	35	0.13	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	132	200.64	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	32	25.59	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	100	21.92	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	32	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	32	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	32	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	28	6.47	0	.	AD	FS	N	FS		

**Seg ID: 0830 - Benbrook Lake
AU ID: 0830_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	32	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	32	.	2	4.37	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	38	0.11	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	132	200.64	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	32	25.59	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	100	21.92	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	32	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	32	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	32	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	28	3.59	0	.	AD	FS	N	FS		

**Seg ID: 0830A - Rock Creek
AU ID: 0830A_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	42	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	42	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	41	.	1	1	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	39	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	43	.	0	.	AD	NC	N	NC		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0830B - Bear Creek
AU ID: 0830B_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	52	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	52	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	49	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	52	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	53	.	0	.	AD	NC	N	NC		

**Seg ID: 0831 - Clear Fork Trinity River Below Lake Weatherford
AU ID: 0831_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	94	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	94	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	97	1.72	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	25	0.58	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	116	418.1	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	27	49.24	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	82	52.76	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	95	.	1	9.5	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	95	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	95	.	32	0.99	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	97	.	32	3.33	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	28	.	2	15.5	AD	NC	N	NC		
Ammonia	12/01/13	11/30/20	0.33	96	.	2	0.78	AD	NC	N	NC				
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	95	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	25	383.01	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 0831 - Clear Fork Trinity River Below Lake Weatherford
AU ID: 0831_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	116	418.1	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	27	49.24	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	82	52.76	0	.	AD	FS	N	FS		

**Seg ID: 0831 - Clear Fork Trinity River Below Lake Weatherford
AU ID: 0831_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	8	.	2	4.15	LD	CN	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	8	.	0	.	LD	NC	Y	NS	Depressed dissolved oxygen in water	5c
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	116	418.1	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	27	49.24	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	82	52.76	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0831 - Clear Fork Trinity River Below Lake Weatherford

AU ID: 0831_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 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	10	.	1	4.9	AD	FS	N	FS		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	10	.	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	116	418.1	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	27	49.24	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	82	52.76	0	.	AD	FS	N	FS		

Seg ID: 0831A - South Fork Trinity River

AU ID: 0831A_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	10	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	10	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	10	.	8	1.56	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	10	.	9	4.49	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	10	.	1	16	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	10	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	9	245.03	1	.	LD	CN	N	CN	Bacteria in water	

Seg ID: 0831B - Unnamed Tributary of South Fork Trinity River

AU ID: 0831B_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	4	.	0	.	LD	NC	N	NC		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	4	.	0	.	LD	NC	N	NC		

Seg ID: 0832 - Lake Weatherford

AU ID: 0832_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	5	28	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	27	0.06	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	28	0.18	0	.	AD	FS	N	FS		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Selenium	12/01/13	11/30/20	4.38	2	.	0	.	ID	NA	N	NA		
		Mercury	12/01/13	11/30/20	0.53	2	.	0	.	ID	NA	N	NA		
		Lead	12/01/13	11/30/20	0.6	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		
		Cadmium	12/01/13	11/30/20	0.18	2	.	0	.	ID	NA	N	NA		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	28	258.21	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	28	29.74	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	28	31.03	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	28	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	28	.	1	6	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0832 - Lake Weatherford
AU ID: 0832_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	0.2	27	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	27	.	0	.	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	28	.	15	43.86	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	25	.	2	0.19	JQ	NA	N	NA		
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	28	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	26	6.33	0	.	AD	FS	N	FS		

**Seg ID: 0833 - Clear Fork Trinity River Above Lake Weatherford
AU ID: 0833_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	4	10	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	2	10	.	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	750	19	636.38	0	.	AD	FS	N	FS		

**Seg ID: 0833 - Clear Fork Trinity River Above Lake Weatherford
AU ID: 0833_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	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5b
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	750	19	636.38	0	.	AD	FS	N	FS		

**Seg ID: 0833 - Clear Fork Trinity River Above Lake Weatherford
AU ID: 0833_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 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	4	10	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	2	10	.	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	750	19	636.38	0	.	AD	FS	N	FS		

**Seg ID: 0833A - Clear Fork Trinity River Above Strickland Creek.
AU ID: 0833A_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	.	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	.	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5c
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water	

**Seg ID: 0834 - Lake Amon G. Carter
AU ID: 0834_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	20	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	20	.	0	.	AD	NC	N	NC		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0834 - Lake Amon G. Carter
AU ID: 0834_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	20	0.11	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	20	0.16	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	20	186.97	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	150	20	11.86	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	20	23.02	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	20	.	1	9.2	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	20	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	17	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	20	.	2	0.39	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	20	.	7	46.51	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	18	.	2	0.18	JQ	NA	N	NA		
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	20	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	18	1.49	0	.	LD	NC	N	NC		

**Seg ID: 0836 - Richland-Chambers Reservoir
AU ID: 0836_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	33	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	33	.	1	3.69	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	39	0.25	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	287	183.07	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	110	32	24.23	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	157	13.81	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	33	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	33	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.8	33	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	30	1.66	0	.	AD	FS	N	FS		

**Seg ID: 0836 - Richland-Chambers Reservoir
AU ID: 0836_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	33	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	33	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	44	0.21	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	287	183.07	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	110	32	24.23	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	157	13.81	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	33	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	33	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.8	33	.	0	.	AD	FS	N	FS			

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0836 - Richland-Chambers Reservoir
AU ID: 0836_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	12/01/13	11/30/20	126	30	1.04	0	.	AD	FS	N	FS		

**Seg ID: 0836 - Richland-Chambers Reservoir
AU ID: 0836_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	3	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	3	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	78	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	78	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	91	0.3	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	287	183.07	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	110	32	24.23	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	157	13.81	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	78	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	78	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.8	78	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	30	1.9	0	.	AD	FS	N	FS		

**Seg ID: 0836 - Richland-Chambers Reservoir
AU ID: 0836_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	32	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	32	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	20	0.61	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	287	183.07	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	110	32	24.23	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	157	13.81	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	32	.	1	9.3	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	32	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.8	32	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	15	12.54	0	.	LD	NC	N	NC		

**Seg ID: 0836 - Richland-Chambers Reservoir
AU ID: 0836_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	33	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	33	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	35	0.19	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0836 - Richland-Chambers Reservoir
AU ID: 0836_05**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	287	183.07	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	110	32	24.23	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	157	13.81	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	33	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	33	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.8	33	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	29	1.45	0	.	AD	FS	N	FS		

**Seg ID: 0836 - Richland-Chambers Reservoir
AU ID: 0836_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	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	24	0.24	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	287	183.07	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	110	32	24.23	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	157	13.81	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	31	.	1	9.05	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	31	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.8	31	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	17	13.81	0	.	LD	NC	N	NC		

**Seg ID: 0836 - Richland-Chambers Reservoir
AU ID: 0836_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	44	.	3	2.23	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	44	.	10	3.73	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	43	0.7	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	287	183.07	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	110	32	24.23	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	157	13.81	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	44	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	44	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	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	371.39	1	.	AD	NS	N	NS	Bacteria in water	5c

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0836 - Richland-Chambers Reservoir
AU ID: 0836_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
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	287	183.07	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	110	32	24.23	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	75	157	13.81	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		

**Seg ID: 0836B - Cedar Creek
AU ID: 0836B_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	10	.	2	1.65	AD	CN	Y	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	2	10	.	2	0.4	AD	CN	N	CN	Depressed dissolved oxygen in water	

**Seg ID: 0836C - Grape Creek
AU ID: 0836C_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	10	.	5	1.48	AD	NS	N	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	2	9	.	4	0.5	LD	NS	N	NS	Depressed dissolved oxygen in water	5c

**Seg ID: 0836D - Post Oak Creek
AU ID: 0836D_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	12	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	1.5	12	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	1.5	16	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	2	16	.	0	.	SM	NC	N	NA		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	16	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	16	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	16	.	3	0.54	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	16	4455.04	1	.	LD	CN	N	CN	Bacteria in water	

**Seg ID: 0837 - Richland Creek Above Richland-Chambers Reservoir
AU ID: 0837_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	8	.	2	4.65	SM	CN	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	8	.	0	.	SM	NC	N	NA		
	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	.	7	4.5	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	27	0.54	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	26	0.31	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	170	26	45.67	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	500	30	313.78	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	145	26	32.58	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	30	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	30	.	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0837 - Richland Creek Above Richland-Chambers Reservoir

AU ID: 0837_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	26	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	27	.	2	3.03	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	28	.	7	17.26	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	30	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	24	170.49	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0838B - Sugar Creek

AU ID: 0838B_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	Zinc (dissolved)	12/01/13	11/30/20	86.62	1	.	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/13	11/30/20	43.71	1	.	0	.	ID	NA	N	NA		
		Copper (dissolved)	12/01/13	11/30/20	10.15	1	.	0	.	ID	NA	N	NA		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	425.43	1	.	0	.	ID	NA	N	NA		
		Cadmium (dissolved)	12/01/13	11/30/20	6.07	1	.	0	.	ID	NA	N	NA		
	Chronic Toxic Substances in water	Lead (dissolved)	12/01/13	11/30/20	3.99	1	0.5	0	.	ID	NA	N	NA		
		Zinc (dissolved)	12/01/13	11/30/20	169.39	1	2.5	0	.	ID	NA	N	NA		
		Copper (dissolved)	12/01/13	11/30/20	13.62	1	2.58	0	.	ID	NA	N	NA		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	104.99	1	2.5	0	.	ID	NA	N	NA		
		Cadmium (dissolved)	12/01/13	11/30/20	0.33	1	0.15	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	10	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	10	.	1	2.9	AD	NC	N	NC		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	38.3	1	0.5	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		
		Chlorophyll-a	12/01/13	11/30/20	14.1	3	.	1	15	ID	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.33	3	.	1	0.54	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	10	7.87	0	.	LD	NC	N	NC		

Seg ID: 0838C - Walnut Creek

AU ID: 0838C_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	2	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	2	2	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	9	.	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	9	.	0	.	LD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	11	2	46	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/13	11/30/20	4	2	22	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	11	2	24	.	.	AD	FS	N	FS		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	1	.	0	.	ID	NA	N	NA		
		Nitrate	12/01/13	11/30/20	1.95	1	.	0	.	ID	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	14.1	1	.	0	.	ID	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.33	1	.	0	.	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	8	.	1	.	LD	CN	N	CN	Bacteria in water	

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0838D - Hollings Branch
AU ID: 0838D_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	Zinc (dissolved)	12/01/13	11/30/20	332.97	1	.	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/13	11/30/20	239.71	1	.	0	.	ID	NA	N	NA		
		Copper (dissolved)	12/01/13	11/30/20	45.36	1	.	0	.	ID	NA	N	NA		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	1563.51	1	.	0	.	ID	NA	N	NA		
		Cadmium (dissolved)	12/01/13	11/30/20	28.4	1	.	0	.	ID	NA	N	NA		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	169.39	1	12.92	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/13	11/30/20	3.99	1	0.5	0	.	ID	NA	N	NA		
		Copper (dissolved)	12/01/13	11/30/20	13.62	1	0.5	0	.	ID	NA	N	NA		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	104.99	1	2.5	0	.	ID	NA	N	NA		
		Cadmium (dissolved)	12/01/13	11/30/20	0.33	1	0.15	0	.	ID	NA	N	NA		
Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	1.5	8	.	0	.	LD	NC	N	NC			
Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	2	8	.	0	.	LD	NC	N	NC			
Fish Consumption Use	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	3.83	1	0.5	0	.	ID	NA	N	NA		
General Use	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	3	.	0	.	ID	NA	N	NA		
		Total phosphorus	12/01/13	11/30/20	0.69	3	.	0	.	ID	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	14.1	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	8	10.89	0	.	LD	NC	N	NC		

**Seg ID: 0838E - Soap Creek
AU ID: 0838E_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	Zinc (dissolved)	12/01/13	11/30/20	267.59	1	.	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/13	11/30/20	183.22	1	.	0	.	ID	NA	N	NA		
		Copper (dissolved)	12/01/13	11/30/20	35.57	1	.	0	.	ID	NA	N	NA		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	1265.71	1	.	0	.	ID	NA	N	NA		
		Cadmium (dissolved)	12/01/13	11/30/20	22.12	1	.	0	.	ID	NA	N	NA		
	Chronic Toxic Substances in water	Lead (dissolved)	12/01/13	11/30/20	3.99	1	0.5	0	.	ID	NA	N	NA		
		Copper (dissolved)	12/01/13	11/30/20	13.62	1	2.59	0	.	ID	NA	N	NA		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	104.99	1	2.5	0	.	ID	NA	N	NA		
		Cadmium (dissolved)	12/01/13	11/30/20	0.33	1	0.15	0	.	ID	NA	N	NA		
		Zinc (dissolved)	12/01/13	11/30/20	169.39	1	29.23	0	.	ID	NA	N	NA		
Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	1.5	4	.	0	.	LD	NC	N	NC			
Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	2	4	.	0	.	LD	NC	N	NC			
Fish Consumption Use	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	3.83	1	0.5	0	.	ID	NA	N	NA		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	1	.	0	.	ID	NA	N	NA		
		Nitrate	12/01/13	11/30/20	1.95	1	.	0	.	ID	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	14.1	1	.	0	.	ID	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.33	1	.	0	.	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	4	89.93	0	.	ID	NA	N	NA		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0838F - Unnamed tributary of Mountain Creek

AU ID: 0838F_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	1.5	3	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	2	3	.	0	.	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	3	95.24	0	.	ID	NA	N	NA		

Seg ID: 0839 - Elm Fork Trinity River Below Ray Roberts Lake

AU ID: 0839_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	Zinc (dissolved)	12/01/13	11/30/20	115.19	11	.	1	155.94	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	460.3	11	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	63.18	11	.	0	.	AD	FS	N	FS		
		Silver (ionic)	12/01/13	11/30/20	0.8	11	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	13.93	11	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	560.41	11	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	8.42	11	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	11	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/13	11/30/20	991	10	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Nickel (dissolved)	12/01/13	11/30/20	51.13	11	0.61	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.46	11	0.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	9.31	11	1.01	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	116.13	11	19.6	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	72.9	11	2.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.24	11	0.12	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	74	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	74	.	0	.	AD	NC	N	NC	
	Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nickel (dissolved)	12/01/13	11/30/20	332	11	0.61	0	.	AD	FS	N	FS	
Lead (dissolved)			12/01/13	11/30/20	1.15	11	0.5	0	.	AD	FS	N	FS		
Cadmium (dissolved)			12/01/13	11/30/20	5	11	0.15	0	.	AD	FS	N	FS		
Barium (dissolved)			12/01/13	11/30/20	2000	11	47.48	0	.	AD	FS	N	FS		
Arsenic (dissolved)			12/01/13	11/30/20	10	11	2.5	0	.	AD	FS	N	FS		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	1.15	11	0.5	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	11	0.61	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	74	156.76	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	73	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	73	.	1	6.1	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	74	.	0	.	AD	FS	N	FS		

Seg ID: 0840 - Ray Roberts Lake

AU ID: 0840_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	Zinc (dissolved)	12/01/13	11/30/20	112.2	13	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	448.35	13	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	61.07	13	.	0	.	AD	FS	N	FS		
		Silver (ionic)	12/01/13	11/30/20	0.8	13	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	13.53	13	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	546.32	13	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	8.16	13	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	13	.	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0840 - Ray Roberts Lake
AU ID: 0840_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	12	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	113.11	13	7.36	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	49.8	13	0.5	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.38	13	0.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	9.06	13	0.75	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	71.07	13	2.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.24	13	0.12	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	150	13	2.5	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	105	.	0	.	AD	FS	N	FS		
Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	105	.	0	.	AD	NC	N	NC			
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	27	0.14	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	13	0.5	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	13	0.5	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	27	0.16	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	13	0.15	0	.	AD	FS	N	FS		
		Barium (dissolved)	12/01/13	11/30/20	2000	13	47.55	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	13	2.5	0	.	AD	FS	N	FS		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	60	0.96	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	60	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	444	151.99	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	60	81	12.19	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	81	11.72	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	105	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	105	.	1	6.1	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	23	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	27	.	1	0.45	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	24	.	0	.	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	25	.	0	.	JQ	NA	N	NA		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	106	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	23	1.49	0	.	AD	FS	N	FS		

Seg ID: 0840 - Ray Roberts Lake
AU ID: 0840_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	Zinc (dissolved)	12/01/13	11/30/20	112.2	13	.	0	.	AD	FS	N	FS		
		Silver (ionic)	12/01/13	11/30/20	0.8	13	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	448.35	13	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	61.07	13	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	13.53	13	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	546.32	13	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	8.16	13	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	13	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Aluminum (dissolved)	12/01/13	11/30/20	991	12	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	49.8	13	0.8	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.38	13	0.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	9.06	13	0.85	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	71.07	13	2.5	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	113.11	13	4.17	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.24	13	0.18	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	150	13	2.5	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0840 - Ray Roberts Lake
AU ID: 0840_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	101	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	101	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	27	0.11	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	13	0.8	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	13	0.5	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	27	0.17	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	13	0.21	0	.	AD	FS	N	FS		
		Barium (dissolved)	12/01/13	11/30/20	2000	13	47.73	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	13	2.5	0	.	AD	FS	N	FS		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	60	0.96	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	60	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	60	81	12.19	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	500	444	151.99	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	81	11.72	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	101	.	2	9.2	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	101	.	1	5.4	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	22	.	1	0.26	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	27	.	1	0.4	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	24	.	0	.	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	25	.	0	.	JQ	NA	N	NA		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	102	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	24	1.23	0	.	AD	FS	N	FS		

Seg ID: 0840 - Ray Roberts Lake
AU ID: 0840_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	Zinc (dissolved)	12/01/13	11/30/20	112.2	11	.	0	.	AD	FS	N	FS		
		Silver (ionic)	12/01/13	11/30/20	0.8	11	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	448.35	11	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	61.07	11	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	13.53	11	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	546.32	11	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	8.16	11	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	11	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/13	11/30/20	991	10	.	0	.	AD	FS	N	FS		
		Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	113.11	11	4.47	0	.	AD	FS	N	FS	
	Nickel (dissolved)		12/01/13	11/30/20	49.8	11	1.92	0	.	AD	FS	N	FS		
	Lead (dissolved)		12/01/13	11/30/20	2.38	11	0.5	0	.	AD	FS	N	FS		
	Copper (dissolved)		12/01/13	11/30/20	9.06	11	1.7	0	.	AD	FS	N	FS		
	Chromium (Tri)(dissolved)		12/01/13	11/30/20	71.07	11	2.5	0	.	AD	FS	N	FS		
	Cadmium (dissolved)		12/01/13	11/30/20	0.24	11	0.12	0	.	AD	FS	N	FS		
	Arsenic (dissolved)		12/01/13	11/30/20	150	11	2.5	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	74	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	74	.	2	3.85	AD	NC	N	NC		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0840 - Ray Roberts Lake
AU ID: 0840_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	Nickel (dissolved)	12/01/13	11/30/20	332	11	1.92	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	11	0.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	11	0.15	0	.	AD	FS	N	FS		
		Barium (dissolved)	12/01/13	11/30/20	2000	11	37.59	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	11	2.5	0	.	AD	FS	N	FS		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	60	0.96	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	60	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	60	81	12.19	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	500	444	151.99	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	81	11.72	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	73	.	2	9.1	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	73	.	0	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	74	.	0	.	AD	FS	N	FS		

Seg ID: 0840 - Ray Roberts Lake
AU ID: 0840_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	Acute Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	112.2	11	.	0	.	AD	FS	N	FS		
		Silver (ionic)	12/01/13	11/30/20	0.8	11	.	1	1.18	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	448.35	11	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	61.07	11	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	13.53	11	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	546.32	11	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	8.16	11	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	11	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Aluminum (dissolved)	12/01/13	11/30/20	991	10	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	113.11	11	6.92	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	49.8	11	0.99	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.38	11	0.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	9.06	11	1.39	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	71.07	11	2.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.24	11	0.12	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	67	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	67	.	2	4.85	AD	NC	N	NC	
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nickel (dissolved)	12/01/13	11/30/20	332	11	0.99	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	11	0.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	11	0.15	0	.	AD	FS	N	FS		
		Barium (dissolved)	12/01/13	11/30/20	2000	11	45.57	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	11	2.5	0	.	AD	FS	N	FS		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	60	0.96	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	60	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	444	151.99	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	60	81	12.19	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	81	11.72	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	67	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	67	.	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0840 - Ray Roberts Lake
AU ID: 0840_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	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	67	.	0	.	AD	FS	N	FS		

**Seg ID: 0840 - Ray Roberts Lake
AU ID: 0840_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
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	60	0.96	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	60	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	444	151.99	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	60	81	12.19	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	81	11.72	0	.	AD	FS	N	FS		

**Seg ID: 0840 - Ray Roberts Lake
AU ID: 0840_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	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	27	0.15	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	27	0.16	0	.	AD	FS	N	FS		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	60	0.96	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	60	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	444	151.99	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	60	81	12.19	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	81	11.72	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 Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	23	.	1	0.21	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	27	.	1	0.49	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	24	.	0	.	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	25	.	0	.	JQ	NA	N	NA		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	28	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	24	2.1	0	.	AD	FS	N	FS		

**Seg ID: 0840 - Ray Roberts Lake
AU ID: 0840_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	Acute Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	112.2	12	.	0	.	AD	FS	N	FS		
		Silver (ionic)	12/01/13	11/30/20	0.8	12	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	448.35	12	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	61.07	12	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	13.53	12	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	546.32	12	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	8.16	12	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	12	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/13	11/30/20	991	11	.	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0840 - Ray Roberts Lake
AU ID: 0840_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	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	113.11	12	3.67	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	49.8	12	0.7	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	2.38	12	0.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	9.06	12	1.14	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	71.07	12	2.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.24	12	0.12	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	150	12	2.5	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	67	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	67	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nickel (dissolved)	12/01/13	11/30/20	332	12	0.7	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	12	0.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	12	0.15	0	.	AD	FS	N	FS		
		Barium (dissolved)	12/01/13	11/30/20	2000	12	46.81	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	12	2.5	0	.	AD	FS	N	FS		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	60	0.96	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	60	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	60	81	12.19	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	500	444	151.99	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	81	11.72	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	67	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	67	.	0	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	67	.	0	.	AD	FS	N	FS		

**Seg ID: 0840 - Ray Roberts Lake
AU ID: 0840_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 screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	0	.	.	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	60	0.96	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	60	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	444	151.99	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	60	81	12.19	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	81	11.72	0	.	AD	FS	N	FS		

**Seg ID: 0841 - Lower West Fork Trinity River
AU ID: 0841_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	Zinc (dissolved)	12/01/13	11/30/20	192.82	12	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	769.88	10	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	121.7	12	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	24.71	12	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	922.07	12	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	15.19	12	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	12	.	0	.	AD	FS	N	FS		
	Aluminum (dissolved)	12/01/13	11/30/20	991	10	.	0	.	AD	FS	N	FS			

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0841 - Lower West Fork Trinity River
AU ID: 0841_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	Zinc (dissolved)	12/01/13	11/30/20	175.93	12	9.39	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	77.4	10	2.73	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	4.18	12	0.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	14.15	12	1.73	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	108.91	12	2.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.34	12	0.15	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	150	12	2.5	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	1.5	26	.	0	.	AD	FS	N	FS		
Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	2.5	26	.	0	.	AD	NC	N	NC			
Fish Consumption Use	DSHS No Consumption Advisory	PCBs	12/01/10	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	10	2.73	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	3.83	19	0.5	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	850	120	422.12	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	175	64	54.94	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	175	64	71.73	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	25	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	25	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	26	.	10	1	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	24	.	20	8.9	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	25	.	6	19.33	AD	NC	N	NC		
Ammonia		12/01/13	11/30/20	0.33	26	.	2	0.89	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	E. coli	12/01/13	11/30/20	126	25	246.51	1	.	AD	NS	N	NS	Bacteria in water	4a

**Seg ID: 0841 - Lower West Fork Trinity River
AU ID: 0841_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	Zinc (dissolved)	12/01/13	11/30/20	232.07	6	.	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/13	11/30/20	153.51	6	.	0	.	LD	NC	N	NC		
		Copper (dissolved)	12/01/13	11/30/20	30.36	6	.	0	.	LD	NC	N	NC		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	1102.93	6	.	0	.	LD	NC	N	NC		
		Cadmium (dissolved)	12/01/13	11/30/20	18.79	6	.	0	.	LD	NC	N	NC		
	Chronic Toxic Substances in water	Lead (dissolved)	12/01/13	11/30/20	4.18	6	0.5	0	.	LD	NC	N	NC		
		Zinc (dissolved)	12/01/13	11/30/20	175.93	6	10.69	0	.	LD	NC	N	NC		
		Copper (dissolved)	12/01/13	11/30/20	14.15	6	1.69	0	.	LD	NC	N	NC		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	108.91	6	2.5	0	.	LD	NC	N	NC		
		Cadmium (dissolved)	12/01/13	11/30/20	0.34	6	0.15	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	1.5	87	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	2.5	87	.	0	.	AD	NC	N	NC		
Fish Consumption Use	DSHS No Consumption Advisory	PCBs	12/01/10	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	10	2.73	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	3.83	19	0.5	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0841 - Lower West Fork Trinity River
AU ID: 0841_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	175	64	54.94	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	850	120	422.12	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	175	64	71.73	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	86	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	86	.	2	6.35	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	36	.	15	1.12	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	35	.	31	8.83	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	36	.	8	22.13	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	36	.	1	0.53	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	35	87	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	87	111.18	0	.	AD	FS	N	FS		

**Seg ID: 0841A - Mountain Creek Lake
AU ID: 0841A_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	PCBs	12/01/10	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	4a
		Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a

**Seg ID: 0841B - Bear Creek
AU ID: 0841B_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	Zinc (dissolved)	12/01/13	11/30/20	184.62	14	.	0	.	AD	FS	N	FS		
		Selenium	12/01/13	11/30/20	20	18	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	115.22	14	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	23.54	14	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	884.13	14	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	14.45	14	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	175.93	14	3.94	0	.	AD	FS	N	FS		
		Selenium	12/01/13	11/30/20	5	18	1.12	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	4.18	14	0.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	14.15	14	1.76	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	108.91	14	2.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.34	14	0.15	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	75	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	75	.	0	.	AD	NC	N	NC	
Fish Consumption Use	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	38.3	14	0.5	0	.	AD	FS	N	FS		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	53	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	41	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	49	.	1	16	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	61	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	74	63.75	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0841D - Big Bear Creek
AU ID: 0841D_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	Selenium	12/01/13	11/30/20	20	18	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Selenium	12/01/13	11/30/20	5	18	1.09	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	20	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	20	.	0	.	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	11	2	47	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/13	11/30/20	4	2	24	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	11	2	24	.	.	AD	FS	N	FS		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	10	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	7	.	0	.	LD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	19	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	18	62.95	0	.	LD	NC	N	NC		

**Seg ID: 0841E - Copart Branch Mountain Creek
AU ID: 0841E_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	Zinc (dissolved)	12/01/13	11/30/20	201.86	1	.	0	.	ID	NA	N	NA			
		Lead (dissolved)	12/01/13	11/30/20	128.92	1	.	0	.	ID	NA	N	NA			
		Copper (dissolved)	12/01/13	11/30/20	26	1	.	0	.	ID	NA	N	NA			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	963.82	1	.	0	.	ID	NA	N	NA			
		Cadmium (dissolved)	12/01/13	11/30/20	16.01	1	.	0	.	ID	NA	N	NA			
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	175.93	1	2.5	0	.	ID	NA	N	NA			
		Lead (dissolved)	12/01/13	11/30/20	4.18	1	0.5	0	.	ID	NA	N	NA			
		Copper (dissolved)	12/01/13	11/30/20	14.15	1	0.5	0	.	ID	NA	N	NA			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	108.91	1	2.5	0	.	ID	NA	N	NA			
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	Dissolved oxygen Grab	12/01/13	11/30/20	2	10	.	0	.	AD	FS	N	FS		
			Dissolved oxygen Grab	12/01/13	11/30/20	3	10	.	0	.	AD	NC	N	NC		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	38.3	1	0.5	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			
		Chlorophyll-a	12/01/13	11/30/20	14.1	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	10	61.45	0	.	LD	NC	N	NC			

**Seg ID: 0841F - Cottonwood Creek
AU ID: 0841F_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	Zinc (dissolved)	12/01/13	11/30/20	174.5	40	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	696.87	18	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	107.31	40	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	22.11	34	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	837.28	38	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	13.55	34	.	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0841F - Cottonwood Creek

AU ID: 0841F_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	Nickel (dissolved)	12/01/13	11/30/20	77.4	16	2.26	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	4.18	38	0.58	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	175.93	38	9.4	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	14.15	32	1.6	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	108.91	36	1.53	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.34	32	0.15	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	186	.	5	1.88	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	186	.	30	3.87	AD	CS	N	CS	Depressed dissolved oxygen in water	
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	11400	16	2.26	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	38.3	38	0.58	0	.	AD	FS	N	FS		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	52	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	50	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	52	.	3	32.33	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	52	.	2	0.46	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	184	247	1	.	AD	NS	N	NS	Bacteria in water	4a

Seg ID: 0841G - Dalworth Creek

AU ID: 0841G_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	Zinc (dissolved)	12/01/13	11/30/20	516.61	1	.	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/13	11/30/20	406.45	1	.	0	.	ID	NA	N	NA		
		Copper (dissolved)	12/01/13	11/30/20	73.93	1	.	0	.	ID	NA	N	NA		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	2390.46	1	.	0	.	ID	NA	N	NA		
		Cadmium (dissolved)	12/01/13	11/30/20	46.94	1	.	0	.	ID	NA	N	NA		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	175.93	1	2.5	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/13	11/30/20	4.18	1	0.5	0	.	ID	NA	N	NA		
		Copper (dissolved)	12/01/13	11/30/20	14.15	1	0.5	0	.	ID	NA	N	NA		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	108.91	1	2.5	0	.	ID	NA	N	NA		
		Cadmium (dissolved)	12/01/13	11/30/20	0.34	1	0.15	0	.	ID	NA	N	NA		
		Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	15	.	0	.	AD	FS	N	FS	
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	15	.	0	.	AD	NC	N	NC		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	38.3	1	0.5	0	.	ID	NA	N	NA		
General Use	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	3	.	0	.	ID	NA	N	NA		
		Total phosphorus	12/01/13	11/30/20	0.69	3	.	0	.	ID	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	14.1	3	.	1	26	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	05/01/13	11/30/20	126	20	345.67	1	.	AD	NS	N	NS	Bacteria in water	4a

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0841H - Delaware Creek
AU ID: 0841H_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	Zinc (dissolved)	12/01/13	11/30/20	140.61	12	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	81.56	12	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	17.39	12	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	679.53	12	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	10.58	12	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Lead (dissolved)	12/01/13	11/30/20	4.18	12	0.5	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	175.93	12	3.44	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	14.15	12	1.56	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	108.91	12	2.5	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.34	12	0.15	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	37	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	37	.	1	2.9	AD	NC	N	NC		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	38.3	12	0.5	0	.	AD	FS	N	FS		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	37	.	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	36	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	37	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	37	108.69	0	.	AD	FS	N	FS		

**Seg ID: 0841I - Dry Branch Creek
AU ID: 0841I_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	1.5	37	.	1	0.6	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	2	37	.	2	1.2	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	37	416.07	1	.	AD	NS	N	NS	Bacteria in water	5b

**Seg ID: 0841J - Estelle Creek
AU ID: 0841J_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	1.5	37	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	2	37	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	37	120.91	0	.	AD	FS	N	FS		

**Seg ID: 0841K - Fish Creek
AU ID: 0841K_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	Zinc (dissolved)	12/01/13	11/30/20	280.37	39	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	1118.82	18	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	194.09	39	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	37.47	32	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	1324.09	37	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	23.33	33	.	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0841K - Fish Creek
AU ID: 0841K_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	Nickel (dissolved)	12/01/13	11/30/20	77.4	18	2.74	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	4.18	38	0.5	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	175.93	38	8.8	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	14.15	32	1.51	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	108.91	36	1.43	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.34	32	0.15	0	.	AD	FS	N	FS		
	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	179	.	3	2.77	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	179	.	23	3.85	AD	CS	N	CS	Depressed dissolved oxygen in water	
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	41	2	43	.	.	AD	FS	N	FS		
Habitat	Habitat	12/01/13	11/30/20	20	2	18	.	.	AD	CS	N	CS	Impaired habitat in water		
Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	29	2	24	.	.	AD	NS	N	CN	Impaired macrobenthic community in water		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	38.3	38	0.5	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	11400	18	2.74	0	.	AD	FS	N	FS		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	76	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	74	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	76	.	1	25	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	50	.	3	1.09	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	179	167.24	1	.	AD	NS	N	NS	Bacteria in water	4a

Seg ID: 0841L - Johnson Creek
AU ID: 0841L_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	Nickel (dissolved)	12/01/13	11/30/20	1078.12	19	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	157.72	27	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	94.4	27	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	19.76	21	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	759.31	26	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	12.07	22	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	175.93	26	10.27	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	77.4	18	1.94	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	4.18	26	0.65	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	14.15	20	2.12	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	108.91	25	0.93	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.34	21	0.15	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	51	.	0	.	AD	FS	N	FS	
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	51	.	5	4.4	AD	NC	N	NC		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	11400	18	1.94	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	38.3	26	0.65	0	.	AD	FS	N	FS		
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	30	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	31	.	2	28.5	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	6	.	0	.	LD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	53	175.13	1	.	AD	NS	N	NS	Bacteria in water	4a

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0841M - Kee Branch
AU ID: 0841M_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	Zinc (dissolved)	12/01/13	11/30/20	174.5	20	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	696.87	16	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	107.31	20	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	22.11	16	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	837.28	20	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	13.55	16	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	175.93	18	10.62	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	77.4	14	3.39	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	4.18	18	0.53	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	14.15	14	1.99	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	108.91	18	0.84	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.34	14	0.15	0	.	AD	FS	N	FS		
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	.	5	4.68	AD	CS	N	CS	Depressed dissolved oxygen in water		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	11400	14	3.39	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	38.3	18	0.53	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	31	381.55	1	.	AD	NS	N	NS	Bacteria in water	4a

**Seg ID: 0841N - Kirby Creek
AU ID: 0841N_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	Zinc (dissolved)	12/01/13	11/30/20	249.51	7	.	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/13	11/30/20	167.99	7	.	0	.	LD	NC	N	NC		
		Copper (dissolved)	12/01/13	11/30/20	32.91	7	.	0	.	LD	NC	N	NC		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	1182.95	7	.	0	.	LD	NC	N	NC		
		Cadmium (dissolved)	12/01/13	11/30/20	20.41	7	.	0	.	LD	NC	N	NC		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	175.93	7	4.61	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/13	11/30/20	4.18	7	0.5	0	.	LD	NC	N	NC		
		Copper (dissolved)	12/01/13	11/30/20	14.15	7	1.26	0	.	LD	NC	N	NC		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	108.91	7	2.5	0	.	LD	NC	N	NC		
		Cadmium (dissolved)	12/01/13	11/30/20	0.34	7	0.15	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	75	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	75	.	10	4.3	AD	CS	N	CS	Depressed dissolved oxygen in water	
Fish Consumption Use	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	38.3	7	0.5	0	.	LD	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	25	.	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		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	75	158.04	1	.	AD	NS	N	NS	Bacteria in water	4a

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0841O - Mountain Creek
AU ID: 0841O_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	Zinc (dissolved)	12/01/13	11/30/20	196.44	2	.	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/13	11/30/20	124.59	2	.	0	.	ID	NA	N	NA		
		Copper (dissolved)	12/01/13	11/30/20	25.23	2	.	0	.	ID	NA	N	NA		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	938.82	2	.	0	.	ID	NA	N	NA		
		Cadmium (dissolved)	12/01/13	11/30/20	15.52	2	.	0	.	ID	NA	N	NA		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	175.93	2	2.5	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/13	11/30/20	4.18	2	0.5	0	.	ID	NA	N	NA		
		Copper (dissolved)	12/01/13	11/30/20	14.15	2	0.8	0	.	ID	NA	N	NA		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	108.91	2	2.5	0	.	ID	NA	N	NA		
		Cadmium (dissolved)	12/01/13	11/30/20	0.34	2	0.15	0	.	ID	NA	N	NA		
Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	1	.	0	.	ID	NA	N	NA			
Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	1	.	0	.	ID	NA	N	NA			
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	4.5	AD	NC	N	NC			
Fish Consumption Use	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	38.3	2	0.5	0	.	ID	NA	N	NA		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	6	.	0	.	LD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	6	.	0	.	LD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	6	.	4	26.75	LD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	6	.	2	1.3	LD	NC	Y	CS	Ammonia in water	
Recreation Use	Bacteria Geomean	E. coli	11/01/13	11/30/20	126	20	111.95	0	.	AD	FS	N	FS		

Seg ID: 0841P - North Fork Cottonwood Creek
AU ID: 0841P_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	Nickel (dissolved)	12/01/13	11/30/20	1159.25	18	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	290.52	26	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	202.79	26	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	38.98	19	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	1370.39	25	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	24.3	20	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	175.93	21	11.97	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	77.4	14	2.37	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	4.18	21	0.58	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	14.15	15	1.93	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	108.91	20	0.91	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.34	16	0.15	0	.	AD	FS	N	FS		
	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	.	3	4.43	AD	NC	N	NC			
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	11400	14	2.37	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	38.3	21	0.58	0	.	AD	FS	N	FS		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	31	.	1	2.21	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	30	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	31	.	5	26	AD	NC	N	NC		
		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	31	943.28	1	.	AD	NS	N	NS	Bacteria in water	5a

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

Seg ID: 0841Q - North Fork Fish Creek

AU ID: 0841Q_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	Zinc (dissolved)	12/01/13	11/30/20	174.5	3	.	0	.	ID	NA	N	NA		
		Nickel (dissolved)	12/01/13	11/30/20	696.87	2	.	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/13	11/30/20	107.31	3	.	0	.	ID	NA	N	NA		
		Copper (dissolved)	12/01/13	11/30/20	22.11	3	.	0	.	ID	NA	N	NA		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	837.28	3	.	0	.	ID	NA	N	NA		
		Cadmium (dissolved)	12/01/13	11/30/20	13.55	3	.	0	.	ID	NA	N	NA		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	175.93	2	16.91	0	.	ID	NA	N	NA		
		Nickel (dissolved)	12/01/13	11/30/20	77.4	1	2.5	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/13	11/30/20	4.18	2	0.5	0	.	ID	NA	N	NA		
		Copper (dissolved)	12/01/13	11/30/20	14.15	2	1.24	0	.	ID	NA	N	NA		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	108.91	2	1.75	0	.	ID	NA	N	NA		
		Cadmium (dissolved)	12/01/13	11/30/20	0.34	2	0.15	0	.	ID	NA	N	NA		
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	4.6	AD	NC	N	NC			
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	11400	1	2.5	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/13	11/30/20	38.3	2	0.5	0	.	ID	NA	N	NA		
General Use	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	3	.	0	.	ID	NA	N	NA		
		Total phosphorus	12/01/13	11/30/20	0.69	3	.	0	.	ID	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	14.1	3	.	0	.	ID	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.33	2	.	0	.	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	10/01/13	11/30/20	126	20	259.02	1	.	AD	NS	N	NS	Bacteria in water	4a

Seg ID: 0841R - Rush Creek

AU ID: 0841R_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	Zinc (dissolved)	12/01/13	11/30/20	174.5	41	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	696.87	31	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	107.31	41	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	22.11	31	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	837.28	41	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	13.55	33	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	175.93	41	10.88	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	77.4	31	2.18	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	4.18	41	0.5	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	14.15	31	1.85	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	108.91	41	0.85	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.34	33	0.15	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	63	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	63	.	0	.	AD	NC	N	NC		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	11400	31	2.18	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	38.3	41	0.5	0	.	AD	FS	N	FS		
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	27	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	27	.	2	32	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	67	.	1	.	AD	CN	N	CN	Bacteria in water	

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0841T - Village Creek
AU ID: 0841T_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	Zinc (dissolved)	12/01/13	11/30/20	174.5	19	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	696.87	14	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	107.31	19	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	22.11	14	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	837.28	19	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	13.55	15	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	175.93	19	11.97	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	77.4	14	2.09	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	4.18	19	1.05	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	14.15	14	1.23	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	108.91	19	0.82	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.34	15	0.15	0	.	AD	FS	N	FS		
Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	29	.	0	.	AD	FS	N	FS			
Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	29	.	0	.	AD	NC	N	NC			
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	11400	14	2.09	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	38.3	19	1.05	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	31	128.04	1	.	AD	CN	N	CN	Bacteria in water	

**Seg ID: 0841U - West Irving Creek
AU ID: 0841U_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	1.5	37	.	3	0.67	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	2	37	.	3	0.67	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	37	507.6	1	.	AD	NS	N	NS	Bacteria in water	4a

**Seg ID: 0841V - Crockett Branch
AU ID: 0841V_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	Zinc (dissolved)	12/01/13	11/30/20	117.18	5	.	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/13	11/30/20	64.58	5	.	0	.	LD	NC	N	NC		
		Copper (dissolved)	12/01/13	11/30/20	14.2	5	.	0	.	LD	NC	N	NC		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	569.76	4	.	0	.	LD	NC	N	NC		
		Cadmium (dissolved)	12/01/13	11/30/20	8.58	5	.	0	.	LD	NC	N	NC		
	Chronic Toxic Substances in water	Lead (dissolved)	12/01/13	11/30/20	4.18	2	0.5	0	.	ID	NA	N	NA		
		Zinc (dissolved)	12/01/13	11/30/20	175.93	2	6	0	.	ID	NA	N	NA		
		Copper (dissolved)	12/01/13	11/30/20	14.15	2	2.82	0	.	ID	NA	N	NA		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	108.91	2	2.5	0	.	ID	NA	N	NA		
		Cadmium (dissolved)	12/01/13	11/30/20	0.34	2	0.15	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	27	.	1	2.7	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	27	.	5	4.18	AD	CS	N	CS	Depressed dissolved oxygen in water	
Fish Consumption Use	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	38.3	2	0.5	0	.	ID	NA	N	NA		
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	24	.	1	2.05	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	.	1	0.65	AD	NC	N	NC		

2022 Texas Integrated Report - Assessment Results for Basin 8 - Trinity River

**Seg ID: 0841V - Crockett Branch
AU ID: 0841V_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	27	687.2	1	.	AD	NS	N	NS	Bacteria in water	4a

**Seg ID: 0841W - Mountain Creek above Mountain Creek Lake
AU ID: 0841W_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	Zinc (dissolved)	12/01/13	11/30/20	186.45	1	.	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/13	11/30/20	116.66	1	.	0	.	ID	NA	N	NA		
		Copper (dissolved)	12/01/13	11/30/20	23.8	1	.	0	.	ID	NA	N	NA		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	892.59	1	.	0	.	ID	NA	N	NA		
		Cadmium (dissolved)	12/01/13	11/30/20	14.62	1	.	0	.	ID	NA	N	NA		
	Chronic Toxic Substances in water	Lead (dissolved)	12/01/13	11/30/20	4.18	1	0.5	0	.	ID	NA	N	NA		
		Zinc (dissolved)	12/01/13	11/30/20	175.93	1	2.5	0	.	ID	NA	N	NA		
		Copper (dissolved)	12/01/13	11/30/20	14.15	1	1.64	0	.	ID	NA	N	NA		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	108.91	1	2.5	0	.	ID	NA	N	NA		
		Cadmium (dissolved)	12/01/13	11/30/20	0.34	1	0.15	0	.	ID	NA	N	NA		
	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	4	.	1	3.4	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	4	.	1	1.8	SM	NC	N	NA		
Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	10	.	0	.	AD	FS	N	FS			
Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	10	.	1	4.6	AD	NC	N	NC			
Fish Consumption Use	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	38.3	1	0.5	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		
		Chlorophyll-a	12/01/13	11/30/20	14.1	3	.	1	17	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	9	13.02	0	.	LD	NC	N	NC		