

Explanation of Column Headings

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

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

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

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

#Data Assessed: Number of samples assessed some data are averaged, as with profile data, some are eliminated because criteria do not apply during certain conditions such as a s low flow.

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

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

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

Criteria: Value that the data is compared to determine the level of support; Note: for acute metals in water, each value is compared to a calculated criterion and not all criteria could be reported here, only the minimum in the range of criteria calculated are included.

DS Qual: Dataset Qualifier - indicates characteristics of the methods or dataset used in the assessment:

- AD:** Adequate Data (10 or more samples).
- LD:** Limited Data (less than 9, greater than 3).
- ID:** Inadequate Data (less than 4).
- JQ:** Level of support is based on judgment of the assessor.
- SM:** This assessment method is superseded by another method.
- TR:** Temporally Not Representative, used with NA.
- SR:** Spatially Not Representative, used with NA.
- OE:** Other information than ambient samples evaluated.
- OS:** Assessment area outside state boundaries.

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

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

CF: Carry Forward indicates that the Integrated level of support of CS, CN, or NS was carried forward from a previous assessment due to inadequate data for this method in this assessment.

Int LOS: *Integrated level of support. This is the overall level of support for this use, method, parameter group, which could be different from the LOS (described above) due to carry forward information or other types of changes. New Code added in 2010: PI = Pending Issue*

TCEQ Cause: *This is the impairment description (e.g., bacteria, depressed dissolved oxygen, etc.).*

Cat:

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

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

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

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

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

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

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

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

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

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

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

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1201 - Brazos River Tidal
AU ID: 1201_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	18	.	1	2.5	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	18	.	1	2.5	AD	NC	N	NC			
	Toxic Substances in sediment	Copper		12/01/15	11/30/22	270	2	.	0	.	ID	NA	N	NA		
		Silver		12/01/15	11/30/22	3.7	2	.	0	.	ID	NA	N	NA		
		Nickel		12/01/15	11/30/22	51.6	2	.	0	.	ID	NA	N	NA		
		Zinc		12/01/15	11/30/22	410	2	.	0	.	ID	NA	N	NA		
		Arsenic		12/01/15	11/30/22	70	2	.	0	.	ID	NA	N	NA		
		Mercury		12/01/15	11/30/22	0.71	2	.	0	.	ID	NA	N	NA		
		Cadmium		12/01/15	11/30/22	9.6	2	.	0	.	ID	NA	N	NA		
		Chromium		12/01/15	11/30/22	370	2	.	0	.	ID	NA	N	NA		
Lead		12/01/15	11/30/22	218	2	.	0	.	ID	NA	N	NA				
General Use	High pH	pH	12/01/15	11/30/22	9	18	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/15	11/30/22	6.5	18	.	0	.	AD	FS	N	FS			
	Nutrient Screening Levels	Ammonia		12/01/15	11/30/22	0.46	15	.	1	0.49	AD	NC	N	NC		
		Nitrate		12/01/15	11/30/22	1.1	17	.	2	1.34	AD	NC	N	NC		
		Total phosphorus		12/01/15	11/30/22	0.66	17	.	1	0.68	AD	NC	N	NC		
		Chlorophyll-a		12/01/15	11/30/22	21	15	.	1	22.7	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	18	.	0	.	AD	FS	N	FS				
Recreation Use	Bacteria Geomean	Enterococcus	09/24/14	11/30/22	35	20	21.68	0	.	AD	FS	N	FS			

**Seg ID: 1202 - Brazos River Below Navasota River
AU ID: 1202_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	11	.	0	.	SM	FS	N	NA			
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	11	.	0	.	SM	FS	N	NA			
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	81	.	1	2.1	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	81	.	4	3.9	AD	NC	N	NC			
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	750	399	388.78	0	.	AD	FS	N	FS			
		Chloride	12/01/15	11/30/22	300	348	73.98	0	.	AD	FS	N	FS			
		Sulfate	12/01/15	11/30/22	200	353	54.84	0	.	AD	FS	N	FS			
	High pH	pH	12/01/15	11/30/22	9	81	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/15	11/30/22	6.5	81	.	0	.	AD	FS	N	FS			
	Nutrient Screening Levels	Nitrate		12/01/15	11/30/22	1.95	82	.	3	2.23	AD	NC	N	NC		
		Ammonia		12/01/15	11/30/22	0.33	85	.	0	.	AD	NC	N	NC		
		Chlorophyll-a		12/01/15	11/30/22	14.1	87	.	66	74.88	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus		12/01/15	11/30/22	0.69	87	.	13	0.85	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	82	.	0	.	AD	FS	N	FS				
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	42	0.2	0	.	TR	FS	N	NA			
		Nitrate	12/01/15	11/30/22	10	340	0.53	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	73	96	0	.	AD	FS	N	FS			

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1202 - Brazos River Below Navasota River

AU ID: 1202_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	9	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	9	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	83	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	83	.	1	4.9	AD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	300	348	73.98	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	750	399	388.78	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	200	353	54.84	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	84	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	84	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	89	.	65	68.41	AD	CS	N	CS	Chlorophyll-a in water	
		Nitrate	12/01/15	11/30/22	1.95	84	.	2	2.96	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	89	.	10	1	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	87	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	84	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	340	0.53	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	42	0.2	0	.	TR	FS	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	76	78.55	0	.	AD	FS	N	FS		

Seg ID: 1202 - Brazos River Below Navasota River

AU ID: 1202_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	10	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	10	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	93	.	1	0.7	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	93	.	4	3.45	AD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	300	348	73.98	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	750	399	388.78	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	200	353	54.84	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	94	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	94	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	79	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	81	.	3	0.78	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	81	.	62	74.19	AD	CS	N	CS	Chlorophyll-a in water	
		Nitrate	12/01/15	11/30/22	1.95	89	.	2	2.12	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	94	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	340	0.53	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	42	0.2	0	.	TR	FS	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	82	45.24	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1202 - Brazos River Below Navasota River															
AU ID: 1202_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	Chloride	12/01/15	11/30/22	300	348	73.98	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	750	399	388.78	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	200	353	54.84	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	340	0.53	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	42	0.2	0	.	TR	FS	N	NA		

Seg ID: 1202 - Brazos River Below Navasota River															
AU ID: 1202_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	12/01/15	11/30/22	5	10	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	10	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	87	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	87	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	750	399	388.78	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	300	348	73.98	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	200	353	54.84	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	88	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	88	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	90	.	7	1.09	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	85	.	3	2.35	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	89	.	0	.	AD	NC	N	NC		
Chlorophyll-a	12/01/15	11/30/22	14.1	89	.	59	92.22	AD	CS	N	CS	Chlorophyll-a in water			
Water Temperature	Water temperature	12/01/15	11/30/22	35	88	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	340	0.53	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	42	0.2	0	.	TR	FS	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	77	89.31	0	.	AD	FS	N	FS		

Seg ID: 1202H - Allen's Creek															
AU ID: 1202H_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	3	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	2	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	51	.	1	1.8	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	51	.	3	2.27	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	11	3	47.33	.	.	TR	FS	N	NA		
	Habitat	Habitat	12/01/15	11/30/22	14	2	18	.	.	AD	NC	N	NC		
Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	10	2	21.48	.	.	TR	FS	N	NA			
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	49	.	11	28.95	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	47	.	31	10.36	AD	CS	N	CS	Nitrate in water	
		Ammonia	12/01/15	11/30/22	0.33	50	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	50	.	36	2.71	AD	CS	N	CS	Total Phosphorus in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	630	48	375.36	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1202I - Bessie's Creek
AU ID: 1202I_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	25	.	3	2.3	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	25	.	8	3.39	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	22	.	7	5.62	AD	CS	N	CS	Nitrate in water	
		Ammonia	12/01/15	11/30/22	0.33	23	.	3	3.06	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	23	.	9	29.2	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	23	.	13	1.01	AD	CS	N	CS	Total Phosphorus in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	23	195.1	1	.	AD	NS	N	NS	Bacteria in water	5a

**Seg ID: 1202J - Big Creek
AU ID: 1202J_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	52	.	1	2.5	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	52	.	14	4.13	AD	CS	N	CS	Depressed dissolved oxygen in water	
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Impaired fish community in water	
	Habitat	Habitat	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Impaired habitat in water	
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	50	.	11	27.44	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	51	.	3	4.3	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	52	.	5	0.92	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	51	.	1	0.49	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	48	270.54	1	.	AD	NS	N	NS	Bacteria in water	5a

**Seg ID: 1202J - Big Creek
AU ID: 1202J_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 screening level	Dissolved oxygen Grab	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Nitrate in water	
		Total phosphorus	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Total Phosphorus in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Bacteria in water	5a

**Seg ID: 1202K - Mill Creek
AU ID: 1202K_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	27	.	3	4.3	AD	NC	N	NC		
	Habitat	Habitat	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Impaired habitat in water	
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	21	.	1	15.3	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	27	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	24	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	26	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	27	132.94	1	.	AD	NS	N	NS	Bacteria in water	5r

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1202S - Bullhead Bayou East

AU ID: 1202S_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	10	.	1	0.8	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	10	.	2	1.65	AD	CS	N	CS	Depressed dissolved oxygen in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	630	9	201.13	0	.	LD	NC	Y	NS	Bacteria in water	5c

Seg ID: 1202T - Unnamed Tributary of Bullhead Bayou East

AU ID: 1202T_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	10	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	10	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	630	9	320.38	0	.	LD	NC	Y	NS	Bacteria in water	5c

Seg ID: 1202U - Alcorn Bayou

AU ID: 1202U_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	5	.	0	.	TR	NC	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	5	.	0	.	TR	NC	N	NA		
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	4	790.25	1	.	TR	NA	Y	NS	Bacteria in water	5b

Seg ID: 1202V - East Fork Mill Creek

AU ID: 1202V_01

Use	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	12/01/15	11/30/22	0.33	4	.	0	.	TR	NC	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.69	4	.	0	.	TR	NC	N	NA		
		Nitrate	12/01/15	11/30/22	1.95	4	.	0	.	TR	NC	N	NA		

Seg ID: 1202W - West Fork Mill Creek

AU ID: 1202W_01

Use	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	12/01/15	11/30/22	0.33	3	.	0	.	TR	NA	N	NA		
		Nitrate	12/01/15	11/30/22	1.95	3	.	0	.	TR	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.69	3	.	0	.	TR	NA	N	NA		

Seg ID: 1202X - Sandy Creek

AU ID: 1202X_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	4	.	0	.	TR	NC	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	4	.	0	.	TR	NC	N	NA		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1202X - Sandy Creek
AU ID: 1202X_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	4	.	0	.	TR	NC	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.69	4	.	0	.	TR	NC	N	NA		
		Ammonia	12/01/15	11/30/22	0.33	4	.	0	.	TR	NC	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	4	253.88	1	.	TR	NA	N	NA		

**Seg ID: 1203 - Whitney Lake
AU ID: 1203_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	22	.	1	2.15	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	22	.	5	3.7	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	670	102	248.71	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	320	104	120.08	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	1500	110	831.58	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	22	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	22	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	11/03/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	22	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	105	0.19	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	109	0.1	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	21	1.88	0	.	AD	FS	N	FS		

**Seg ID: 1203 - Whitney Lake
AU ID: 1203_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	22	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	22	.	1	4.98	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	320	104	120.08	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	1500	110	831.58	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	670	102	248.71	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	22	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	22	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	11/03/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	22	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	105	0.19	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	109	0.1	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	21	1.8	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1203 - Whitney Lake
AU ID: 1203_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	22	.	1	2.94	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	22	.	2	3.84	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	1500	110	831.58	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	670	102	248.71	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	320	104	120.08	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	22	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	22	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	11/03/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	22	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	109	0.1	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	105	0.19	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	21	1.84	0	.	AD	FS	N	FS		

**Seg ID: 1203 - Whitney Lake
AU ID: 1203_04**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	320	104	120.08	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	1500	110	831.58	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	670	102	248.71	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	11/03/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	105	0.19	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	109	0.1	0	.	AD	FS	N	FS		

**Seg ID: 1203 - Whitney Lake
AU ID: 1203_05**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	22	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	22	.	1	3.83	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	1500	110	831.58	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	320	104	120.08	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	670	102	248.71	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	22	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	22	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	11/03/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	22	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	109	0.1	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	105	0.19	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	21	3.83	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1203 - Whitney Lake
AU ID: 1203_06**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	22	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	22	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	320	104	120.08	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	670	102	248.71	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	1500	110	831.58	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	22	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	22	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	11/03/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	22	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	105	0.19	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	109	0.1	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	21	3.5	0	.	AD	FS	N	FS		

**Seg ID: 1204 - Brazos River Below Lake Granbury
AU ID: 1204_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	380	77	155.85	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	1600	79	898.39	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	750	76	307.69	0	.	AD	FS	N	FS		

**Seg ID: 1204 - Brazos River Below Lake Granbury
AU ID: 1204_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	73	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	73	.	0	.	AD	NC	N	NC		
	Habitat	Habitat	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Impaired habitat in water	
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	380	77	155.85	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	1600	79	898.39	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	750	76	307.69	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	72	.	1	9.4	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	72	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	76	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	78	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	77	.	24	25.37	AD	CS	N	CS	Chlorophyll-a in water	
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	73	.	2	34.45	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	78	15.41	0	.	AD	FS	N	FS		

**Seg ID: 1204A - Camp Creek
AU ID: 1204A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	12	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	12	.	0	.	AD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1204A - Camp Creek
AU ID: 1204A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	12	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	11	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	11	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	11	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	9	79.94	0	.	LD	NC	Y	NS	Bacteria in water	5c

**Seg ID: 1205 - Lake Granbury
AU ID: 1205_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	600	275	139.6	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	1000	272	287.4	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	2500	279	920.68	0	.	AD	FS	N	FS		
		Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	ID	NA	N	NA	
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	268	0.12	0	.	AD	FS	N	FS		

**Seg ID: 1205 - Lake Granbury
AU ID: 1205_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	78	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	78	.	1	4.94	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	600	275	139.6	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	2500	279	920.68	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	1000	272	287.4	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	77	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	77	.	0	.	AD	FS	N	FS		
		Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	ID	NA	N	NA	
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	78	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	268	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	78	4.67	0	.	AD	FS	N	FS		

**Seg ID: 1205 - Lake Granbury
AU ID: 1205_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	78	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	78	.	4	4.29	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	600	275	139.6	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	1000	272	287.4	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	2500	279	920.68	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	77	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	77	.	0	.	AD	FS	N	FS		
		Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	ID	NA	N	NA	
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	78	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	268	0.12	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1205 - Lake Granbury
AU ID: 1205_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	78	6.68	0	.	AD	FS	N	FS		

**Seg ID: 1205 - Lake Granbury
AU ID: 1205_04**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	600	275	139.6	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	2500	279	920.68	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	1000	272	287.4	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	268	0.12	0	.	AD	FS	N	FS		

**Seg ID: 1205 - Lake Granbury
AU ID: 1205_05**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	78	.	3	2.58	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	78	.	9	3.56	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	600	275	139.6	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	2500	279	920.68	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	1000	272	287.4	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	77	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	77	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	78	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	268	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	78	2.66	0	.	AD	FS	N	FS		

**Seg ID: 1205 - Lake Granbury
AU ID: 1205_SA1**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	1000	272	287.4	0	.	TR	FS	N	NA		
		Total dissolved solids	12/01/15	11/30/22	2500	279	920.68	0	.	TR	FS	N	NA		
		Sulfate	12/01/15	11/30/22	600	275	139.6	0	.	TR	FS	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	268	0.12	0	.	TR	FS	N	NA		

**Seg ID: 1205 - Lake Granbury
AU ID: 1205_SA2**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	18	.	2	2.6	TR	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	18	.	6	3.37	TR	CS	N	NA		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1205 - Lake Granbury
AU ID: 1205_SA2**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	600	275	139.6	0	.	TR	FS	N	NA		
		Total dissolved solids	12/01/15	11/30/22	2500	279	920.68	0	.	TR	FS	N	NA		
		Chloride	12/01/15	11/30/22	1000	272	287.4	0	.	TR	FS	N	NA		
	High pH	pH	12/01/15	11/30/22	9	16	.	0	.	TR	FS	N	NA		
	Low pH	pH	12/01/15	11/30/22	6.5	16	.	0	.	TR	FS	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	18	.	0	.	TR	FS	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	268	0.12	0	.	TR	FS	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	18	67.88	0	.	TR	NC	N	NA		

**Seg ID: 1205 - Lake Granbury
AU ID: 1205_SA3**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	9	.	0	.	TR	NC	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	9	.	0	.	TR	NC	N	NA		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	600	275	139.6	0	.	TR	FS	N	NA		
		Total dissolved solids	12/01/15	11/30/22	2500	279	920.68	0	.	TR	FS	N	NA		
		Chloride	12/01/15	11/30/22	1000	272	287.4	0	.	TR	FS	N	NA		
	High pH	pH	12/01/15	11/30/22	9	8	.	1	9.6	TR	NC	N	NA		
	Low pH	pH	12/01/15	11/30/22	6.5	8	.	0	.	TR	NC	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	9	.	0	.	TR	NC	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	268	0.12	0	.	TR	FS	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	9	21.65	0	.	TR	NC	N	NA		

**Seg ID: 1205 - Lake Granbury
AU ID: 1205_SA4**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	18	.	0	.	TR	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	18	.	0	.	TR	NC	N	NA		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	600	275	139.6	0	.	TR	FS	N	NA		
		Chloride	12/01/15	11/30/22	1000	272	287.4	0	.	TR	FS	N	NA		
		Total dissolved solids	12/01/15	11/30/22	2500	279	920.68	0	.	TR	FS	N	NA		
	High pH	pH	12/01/15	11/30/22	9	16	.	0	.	TR	FS	N	NA		
	Low pH	pH	12/01/15	11/30/22	6.5	16	.	0	.	TR	FS	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	18	.	0	.	TR	FS	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	268	0.12	0	.	TR	FS	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	18	29.8	0	.	TR	NC	N	NA		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1205 - Lake Granbury
AU ID: 1205_SA5**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	600	275	139.6	0	.	TR	FS	N	NA		
		Total dissolved solids	12/01/15	11/30/22	2500	279	920.68	0	.	TR	FS	N	NA		
		Chloride	12/01/15	11/30/22	1000	272	287.4	0	.	TR	FS	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	268	0.12	0	.	TR	FS	N	NA		

**Seg ID: 1205C - Walnut Creek
AU ID: 1205C_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Nitrate in water	

**Seg ID: 1205E - Rucker Creek
AU ID: 1205E_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	1.5	7	.	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	2	7	.	0	.	LD	NC	N	NC		

**Seg ID: 1206 - Brazos River Below Possum Kingdom Lake
AU ID: 1206_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	78	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	78	.	0	.	AD	NC	N	NC		
	Habitat	Habitat	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Impaired habitat in water	
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Impaired macrobenthic community in water	
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	1020	188	370.97	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	500	191	184.96	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	2300	197	1106.52	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	76	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	76	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	75	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	77	.	1	0.79	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	70	.	0	.	AD	NC	N	NC		
	Chlorophyll-a	12/01/15	11/30/22	14.1	76	.	22	22.56	AD	CS	N	CS	Chlorophyll-a in water		
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	78	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	179	0.1	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	77	32.53	0	.	AD	FS	N	FS		

**Seg ID: 1206 - Brazos River Below Possum Kingdom Lake
AU ID: 1206_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	28	.	0	.	AD	NC	N	NC		
	Habitat	Habitat	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Impaired habitat in water	
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Impaired macrobenthic community in water	

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1206 - Brazos River Below Possum Kingdom Lake
AU ID: 1206_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	12/01/15	11/30/22	500	191	184.96	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	1020	188	370.97	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	2300	197	1106.52	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	28	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	28	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	26	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	28	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	179	0.1	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	25.24	0	.	AD	FS	N	FS		

**Seg ID: 1206 - Brazos River Below Possum Kingdom Lake
AU ID: 1206_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	90	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	90	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	1020	188	370.97	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	2300	197	1106.52	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	500	191	184.96	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	88	.	1	9.2	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	88	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	75	.	10	30.83	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	77	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	83	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	74	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	90	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	179	0.1	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	88	9.21	0	.	AD	FS	N	FS		

**Seg ID: 1206D - Palo Pinto Creek
AU ID: 1206D_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	14	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	14	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	13	.	0	.	AD	NC	N	NC		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	13	0.09	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	05/01/13	11/30/22	126	20	30.52	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1207 - Possum Kingdom Lake

AU ID: 1207_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	1200	381	385.53	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	500	390	193.96	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	3500	395	1171.9	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Selenium	12/01/15	11/30/22	50	41	0.74	0	.	AD	FS	N	FS		
		Mercury	12/01/15	11/30/22	0.01	40	0	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	78	0.23	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	1.15	32	0.14	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/15	11/30/22	332	42	2.53	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	373	0.09	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/15	11/30/22	10	38	2.04	0	.	AD	FS	N	FS		
Cadmium (dissolved)	12/01/15	11/30/22	5	39	0.14	0	.	AD	FS	N	FS				

Seg ID: 1207 - Possum Kingdom Lake

AU ID: 1207_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	77	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	77	.	4	4.07	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	500	390	193.96	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	3500	395	1171.9	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	1200	381	385.53	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	77	.	1	9.1	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	77	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	77	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Arsenic (dissolved)	12/01/15	11/30/22	10	38	2.04	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/15	11/30/22	5	39	0.14	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	78	0.23	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	373	0.09	0	.	AD	FS	N	FS		
		Selenium	12/01/15	11/30/22	50	41	0.74	0	.	AD	FS	N	FS		
		Mercury	12/01/15	11/30/22	0.01	40	0	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/15	11/30/22	332	42	2.53	0	.	AD	FS	N	FS		
Lead (dissolved)	12/01/15	11/30/22	1.15	32	0.14	0	.	AD	FS	N	FS				
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	77	3.91	0	.	AD	FS	N	FS		

Seg ID: 1207 - Possum Kingdom Lake

AU ID: 1207_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	12/01/15	11/30/22	3500	395	1171.9	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	1200	381	385.53	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	500	390	193.96	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Mercury	12/01/15	11/30/22	0.01	40	0	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	373	0.09	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/15	11/30/22	5	39	0.14	0	.	AD	FS	N	FS		
		Selenium	12/01/15	11/30/22	50	41	0.74	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/15	11/30/22	10	38	2.04	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1207 - Possum Kingdom Lake
AU ID: 1207_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
Public Water Supply Use	Surface Water HH criteria for PWS average	Lead (dissolved)	12/01/15	11/30/22	1.15	32	0.14	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/15	11/30/22	332	42	2.53	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	78	0.23	0	.	AD	FS	N	FS		

**Seg ID: 1207 - Possum Kingdom Lake
AU ID: 1207_04**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	500	390	193.96	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	1200	381	385.53	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	3500	395	1171.9	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nickel (dissolved)	12/01/15	11/30/22	332	42	2.53	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/15	11/30/22	10	38	2.04	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	78	0.23	0	.	AD	FS	N	FS		
		Selenium	12/01/15	11/30/22	50	41	0.74	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/15	11/30/22	5	39	0.14	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	373	0.09	0	.	AD	FS	N	FS		
		Mercury	12/01/15	11/30/22	0.01	40	0	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	1.15	32	0.14	0	.	AD	FS	N	FS		

**Seg ID: 1207 - Possum Kingdom Lake
AU ID: 1207_05**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	78	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	78	.	2	4.47	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	500	390	193.96	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	3500	395	1171.9	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	1200	381	385.53	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	78	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	78	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	78	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nickel (dissolved)	12/01/15	11/30/22	332	42	2.53	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	1.15	32	0.14	0	.	AD	FS	N	FS		
		Selenium	12/01/15	11/30/22	50	41	0.74	0	.	AD	FS	N	FS		
		Mercury	12/01/15	11/30/22	0.01	40	0	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	373	0.09	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	78	0.23	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/15	11/30/22	10	38	2.04	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/15	11/30/22	5	39	0.14	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	77	3.01	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1207 - Possum Kingdom Lake

AU ID: 1207_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	12/01/15	11/30/22	20	41	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/15	11/30/22	339.58	43	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	245.53	32	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/15	11/30/22	1354.7	42	.	0	.	AD	FS	N	FS		
		Mercury	12/01/15	11/30/22	2.4	40	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/15	11/30/22	46.36	38	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/15	11/30/22	29.05	39	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/15	11/30/22	340	38	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/15	11/30/22	1593.49	43	.	0	.	AD	FS	N	FS		
	Aluminum (dissolved)	12/01/15	11/30/22	991	42	.	0	.	AD	FS	N	FS			
	Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/15	11/30/22	146.61	43	1.86	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/15	11/30/22	239.27	43	2.05	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	6.15	32	0.14	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/15	11/30/22	105.22	42	2.53	0	.	AD	FS	N	FS		
		Mercury	12/01/15	11/30/22	1.3	40	0	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/15	11/30/22	19.29	38	0.73	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/15	11/30/22	150	38	1.91	0	.	AD	FS	N	FS		
		Selenium	12/01/15	11/30/22	5	41	1.23	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	83	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	83	.	0	.	AD	NC	N	NC	
Toxic Substances in sediment	Iron	12/01/15	11/30/22	40000	27	.	0	.	AD	NC	N	NC			
	Zinc	12/01/15	11/30/22	459	27	.	0	.	AD	NC	N	NC			
	Silver	12/01/15	11/30/22	1.7	27	.	0	.	AD	NC	N	NC			
	Mercury	12/01/15	11/30/22	1.06	27	.	0	.	AD	NC	N	NC			
	Manganese	12/01/15	11/30/22	1100	27	.	0	.	AD	NC	N	NC			
	Lead	12/01/15	11/30/22	128	27	.	0	.	AD	NC	N	NC			
	Copper	12/01/15	11/30/22	149	27	.	0	.	AD	NC	N	NC			
	Cadmium	12/01/15	11/30/22	4.98	27	.	0	.	AD	NC	N	NC			
	Arsenic	12/01/15	11/30/22	33	27	.	0	.	AD	NC	N	NC			
	Chromium	12/01/15	11/30/22	111	27	.	0	.	AD	NC	N	NC			
Nickel	12/01/15	11/30/22	48.6	27	.	0	.	AD	NC	N	NC				
Fish Consumption Use	HH Bioaccumulative Toxics in water	Mercury	12/01/15	11/30/22	0.01	40	0	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/15	11/30/22	332	42	2.53	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	1.15	32	0.14	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	3500	395	1171.9	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	500	390	193.96	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	1200	381	385.53	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	83	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	83	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	83	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nickel (dissolved)	12/01/15	11/30/22	332	42	2.53	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	1.15	32	0.14	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	78	0.23	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/15	11/30/22	5	39	0.14	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/15	11/30/22	10	38	2.04	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	373	0.09	0	.	AD	FS	N	FS		
		Mercury	12/01/15	11/30/22	0.01	40	0	0	.	AD	FS	N	FS		
Selenium	12/01/15	11/30/22	50	41	0.74	0	.	AD	FS	N	FS				

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1207 - Possum Kingdom Lake AU ID: 1207_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
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	81	1.56	0	.	AD	FS	N	FS		

Seg ID: 1207 - Possum Kingdom Lake AU ID: 1207_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	Sulfate	12/01/15	11/30/22	500	390	193.96	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	1200	381	385.53	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	3500	395	1171.9	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Mercury	12/01/15	11/30/22	0.01	40	0	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	373	0.09	0	.	AD	FS	N	FS		
		Selenium	12/01/15	11/30/22	50	41	0.74	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/15	11/30/22	5	39	0.14	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/15	11/30/22	332	42	2.53	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	78	0.23	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/15	11/30/22	10	38	2.04	0	.	AD	FS	N	FS		
Lead (dissolved)	12/01/15	11/30/22	1.15	32	0.14	0	.	AD	FS	N	FS				

Seg ID: 1207 - Possum Kingdom Lake AU ID: 1207_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	Sulfate	12/01/15	11/30/22	500	390	193.96	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	1200	381	385.53	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	3500	395	1171.9	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Mercury	12/01/15	11/30/22	0.01	40	0	0	.	AD	FS	N	FS		
		Selenium	12/01/15	11/30/22	50	41	0.74	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	373	0.09	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/15	11/30/22	5	39	0.14	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	1.15	32	0.14	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/15	11/30/22	10	38	2.04	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	78	0.23	0	.	AD	FS	N	FS		
Nickel (dissolved)	12/01/15	11/30/22	332	42	2.53	0	.	AD	FS	N	FS				

Seg ID: 1207 - Possum Kingdom Lake AU ID: 1207_09															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	500	390	193.96	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	1200	381	385.53	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	3500	395	1171.9	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Arsenic (dissolved)	12/01/15	11/30/22	10	38	2.04	0	.	AD	FS	N	FS		
		Mercury	12/01/15	11/30/22	0.01	40	0	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/15	11/30/22	332	42	2.53	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/15	11/30/22	5	39	0.14	0	.	AD	FS	N	FS		
		Selenium	12/01/15	11/30/22	50	41	0.74	0	.	AD	FS	N	FS		
Nitrate	12/01/15	11/30/22	10	373	0.09	0	.	AD	FS	N	FS				

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1207 - Possum Kingdom Lake
AU ID: 1207_09**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Lead (dissolved)	12/01/15	11/30/22	1.15	32	0.14	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	78	0.23	0	.	AD	FS	N	FS		

**Seg ID: 1207 - Possum Kingdom Lake
AU ID: 1207_10**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	77	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	77	.	1	4.93	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	500	390	193.96	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	1200	381	385.53	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	3500	395	1171.9	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	77	.	1	9.05	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	77	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	77	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nickel (dissolved)	12/01/15	11/30/22	332	42	2.53	0	.	AD	FS	N	FS		
		Mercury	12/01/15	11/30/22	0.01	40	0	0	.	AD	FS	N	FS		
		Selenium	12/01/15	11/30/22	50	41	0.74	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	1.15	32	0.14	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/15	11/30/22	5	39	0.14	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/15	11/30/22	10	38	2.04	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	78	0.23	0	.	AD	FS	N	FS		
	Nitrate	12/01/15	11/30/22	10	373	0.09	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	77	2.67	0	.	AD	FS	N	FS		

**Seg ID: 1207 - Possum Kingdom Lake
AU ID: 1207_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	Sulfate	12/01/15	11/30/22	500	390	193.96	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	1200	381	385.53	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	3500	395	1171.9	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Cadmium (dissolved)	12/01/15	11/30/22	5	39	0.14	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	373	0.09	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/15	11/30/22	332	42	2.53	0	.	AD	FS	N	FS		
		Mercury	12/01/15	11/30/22	0.01	40	0	0	.	AD	FS	N	FS		
		Selenium	12/01/15	11/30/22	50	41	0.74	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	78	0.23	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/15	11/30/22	10	38	2.04	0	.	AD	FS	N	FS		
	Lead (dissolved)	12/01/15	11/30/22	1.15	32	0.14	0	.	AD	FS	N	FS			

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1207 - Possum Kingdom Lake
AU ID: 1207_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	12/01/15	11/30/22	3	79	.	2	2.72	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	79	.	4	3.77	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	500	390	193.96	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	3500	395	1171.9	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	1200	381	385.53	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	79	.	1	9.2	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	79	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	79	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Mercury	12/01/15	11/30/22	0.01	40	0	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	78	0.23	0	.	AD	FS	N	FS		
		Selenium	12/01/15	11/30/22	50	41	0.74	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	1.15	32	0.14	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/15	11/30/22	5	39	0.14	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/15	11/30/22	10	38	2.04	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	373	0.09	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/15	11/30/22	332	42	2.53	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	79	2.52	0	.	AD	FS	N	FS		

**Seg ID: 1208 - Brazos River Above Possum Kingdom Lake
AU ID: 1208_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	28	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	2000	245	949.69	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	12000	255	5456.6	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	5000	241	2475.07	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	28	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	28	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	26	.	2	1.27	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	27	.	22	45.25	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/15	11/30/22	0.33	25	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	27	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	28	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	Enterococcus	12/01/15	11/30/22	33	27	26.7	0	.	AD	FS	N	FS		

**Seg ID: 1208 - Brazos River Above Possum Kingdom Lake
AU ID: 1208_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	72	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	72	.	0	.	AD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1208 - Brazos River Above Possum Kingdom Lake
AU ID: 1208_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	12/01/15	11/30/22	2000	245	949.69	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	5000	241	2475.07	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	12000	255	5456.6	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	70	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	70	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	75	.	51	26.39	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	77	.	5	1.14	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	73	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	70	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	72	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	Enterococcus	12/01/15	11/30/22	33	70	49.96	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 1208 - Brazos River Above Possum Kingdom Lake
AU ID: 1208_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	5000	241	2475.07	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	2000	245	949.69	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	12000	255	5456.6	0	.	AD	FS	N	FS		

**Seg ID: 1208 - Brazos River Above Possum Kingdom Lake
AU ID: 1208_04**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	29	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	29	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	2000	245	949.69	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	5000	241	2475.07	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	12000	255	5456.6	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	29	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	29	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	27	.	13	27.26	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/15	11/30/22	0.33	25	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	26	.	2	1.09	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	27	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	29	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	Enterococcus	12/01/15	11/30/22	33	28	42.05	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 1208 - Brazos River Above Possum Kingdom Lake
AU ID: 1208_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	Arsenic (dissolved)	12/01/15	11/30/22	340	1	.	0	.	ID	NA	N	NA		
		Zinc (dissolved)	12/01/15	11/30/22	899.51	1	.	0	.	ID	NA	N	NA		
		Selenium	12/01/15	11/30/22	20	19	.	1	20.5	AD	FS	N	FS		
		Nickel (dissolved)	12/01/15	11/30/22	3583.09	1	.	0	.	ID	NA	N	NA		
		Mercury	12/01/15	11/30/22	2.4	1	.	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/15	11/30/22	768.68	1	.	0	.	ID	NA	N	NA		
		Copper (dissolved)	12/01/15	11/30/22	136.97	1	.	0	.	ID	NA	N	NA		
		Cadmium (dissolved)	12/01/15	11/30/22	88.44	1	.	0	.	ID	NA	N	NA		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1208 - Brazos River Above Possum Kingdom Lake
AU ID: 1208_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	Chromium (Tri)(dissolved)	12/01/15	11/30/22	4085.84	1	.	0	.	ID	NA	N	NA		
		Aluminum (dissolved)	12/01/15	11/30/22	991	1	.	0	.	ID	NA	N	NA		
	Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/15	11/30/22	0.72	1	0.36	0	.	ID	NA	N	NA		
		Zinc (dissolved)	12/01/15	11/30/22	440.76	1	2	0	.	ID	NA	N	NA		
		Selenium	12/01/15	11/30/22	5	19	3.78	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/15	11/30/22	193.64	1	2.5	0	.	ID	NA	N	NA		
		Mercury	12/01/15	11/30/22	1.3	1	0.02	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/15	11/30/22	12.99	1	0.25	0	.	ID	NA	N	NA		
		Copper (dissolved)	12/01/15	11/30/22	35.72	1	4.9	0	.	ID	NA	N	NA		
		Arsenic (dissolved)	12/01/15	11/30/22	150	1	12.5	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	96	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	96	.	2	3.7	AD	NC	N	NC	
Fish Consumption Use	HH Bioaccumulative Toxics in water	Mercury	12/01/15	11/30/22	0.01	1	0.02	1	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/15	11/30/22	3.83	1	0.25	0	.	ID	NA	N	NA		
		Nickel (dissolved)	12/01/15	11/30/22	1140	1	2.5	0	.	ID	NA	N	NA		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	12000	255	5456.6	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	2000	245	949.69	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	5000	241	2475.07	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	94	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	94	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	97	.	10	2.16	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	66	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	95	.	36	26.14	AD	CS	N	CS	Chlorophyll-a in water	
Nitrate		12/01/15	11/30/22	1.95	89	.	1	2.42	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/15	11/30/22	35	96	.	3	36.4	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	Enterococcus	12/01/15	11/30/22	33	90	60.89	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 1208 - Brazos River Above Possum Kingdom Lake
AU ID: 1208_06**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	28	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	5000	241	2475.07	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	2000	245	949.69	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	12000	255	5456.6	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	28	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	28	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	28	.	1	0.45	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	25	.	9	32.11	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	28	.	3	1.04	AD	NC	N	NC		
Nitrate		12/01/15	11/30/22	1.95	28	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/15	11/30/22	35	28	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	Enterococcus	12/01/15	11/30/22	33	26	29.61	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1208A - Millers Creek Reservoir

AU ID: 1208A_01

Use	Method	Parameter	Start Date	End 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	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

Seg ID: 1209 - Navasota River Below Lake Limestone

AU ID: 1209_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	28	.	3	4.2	AD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	140	95	46.93	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	600	156	258.81	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	100	95	46.83	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	28	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	28	.	1	6.2	AD	FS	N	FS		
	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	28	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	26	.	1	18.1	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	27	.	8	1.15	AD	CS	N	CS	Total Phosphorus in water	
Nitrate		12/01/15	11/30/22	1.95	27	.	14	4.47	AD	CS	N	CS	Nitrate in water		
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	28	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	94	0.96	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	28	126.15	1	.	AD	CN	N	CN	Bacteria in water	

Seg ID: 1209 - Navasota River Below Lake Limestone

AU ID: 1209_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	47	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	47	.	3	4.6	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	95	46.83	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	140	95	46.93	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	600	156	258.81	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	47	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	47	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	25	.	5	18.42	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	27	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	26	.	0	.	AD	NC	N	NC		
Total phosphorus		12/01/15	11/30/22	0.69	26	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	47	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	94	0.96	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	47	122.82	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1209 - Navasota River Below Lake Limestone
AU ID: 1209_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	35	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	35	.	1	4.9	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	95	46.83	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	600	156	258.81	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	140	95	46.93	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	35	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	35	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	13	.	2	19.05	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	15	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	15	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	14	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	35	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	94	0.96	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	35	52.75	0	.	AD	FS	N	FS		

**Seg ID: 1209 - Navasota River Below Lake Limestone
AU ID: 1209_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	Chloride	12/01/15	11/30/22	140	95	46.93	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	600	156	258.81	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	100	95	46.83	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	94	0.96	0	.	AD	FS	N	FS		

**Seg ID: 1209 - Navasota River Below Lake Limestone
AU ID: 1209_05**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	44	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	44	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	95	46.83	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	140	95	46.93	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	600	156	258.81	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	43	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	43	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	26	.	4	21.73	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	26	.	1	0.74	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	26	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	26	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	44	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	94	0.96	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	46	183.11	1	.	AD	NS	N	NS	Bacteria in water	4a

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1209A - Country Club Lake

AU ID: 1209A_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Acute Toxic Substances in water	Aluminum (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	PI		
	LOE Toxic Sediment condition	Sediment toxicity (LOE)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Toxicity in sediment	5c
	Toxic Substances in sediment	Arsenic	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Arsenic in sediment	

Seg ID: 1209B - Fin Feather Lake

AU ID: 1209B_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	LOE Toxic Sediment condition	Sediment toxicity (LOE)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Toxicity in sediment	5c	
	Toxic Substances in sediment	DDE		12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	DDE in sediment	
		Copper		12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Copper in sediment	
		DDD		12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	DDD in sediment	
		Zinc		12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Zinc in sediment	
		Chromium		12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Chromium in sediment	
		Arsenic		12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Arsenic in sediment	

Seg ID: 1209C - Carters Creek

AU ID: 1209C_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	51	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	51	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	26	.	26	15	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Total Phosphorus in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	51	757.21	1	.	AD	NS	N	NS	Bacteria in water	4a

Seg ID: 1209D - Country Club Branch

AU ID: 1209D_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Acute Toxic Substances in water	Copper (dissolved)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	PI		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Bacteria in water	4a

Seg ID: 1209E - Wickson Creek

AU ID: 1209E_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Bacteria in water	5b

Seg ID: 1209G - Cedar Creek

AU ID: 1209G_01

Use	Method	Parameter	Start Date	End 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	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1209H - Duck Creek
AU ID: 1209H_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	10	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	10	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	11	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	11	.	0	.	SM	NC	N	NA		

**Seg ID: 1209H - Duck Creek
AU ID: 1209H_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	10	.	3	4.3	AD	NS	N	NS	Depressed dissolved oxygen in water	5r
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	10	.	2	2.4	AD	CN	N	CN	Depressed dissolved oxygen in water	
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	10	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	10	.	1	4.7	SM	NC	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	630	10	279.86	0	.	LD	NC	Y	NS	Bacteria in water	5r

**Seg ID: 1209I - Gibbons Creek
AU ID: 1209I_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5r
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Bacteria in water	5b

**Seg ID: 1209I - Gibbons Creek
AU ID: 1209I_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	25	.	1	2.2	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	24	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	25	190.36	1	.	AD	NS	N	NS	Bacteria in water	5b

**Seg ID: 1209J - Shepherd Creek
AU ID: 1209J_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	1.5	3	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	2	3	.	0	.	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	630	3	49.46	0	.	ID	NA	Y	NS	Bacteria in water	5r

**Seg ID: 1209K - Steele Creek
AU ID: 1209K_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Bacteria in water	5b

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1209L - Burton Creek

AU ID: 1209L_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	9	.	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	9	.	0	.	LD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	9	938.65	1	.	LD	CN	Y	NS	Bacteria in water	4a

Seg ID: 1209O - Normangee Lake

AU ID: 1209O_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Toxic Substances in sediment	Arsenic	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Arsenic in sediment	

Seg ID: 1210 - Lake Mexia

AU ID: 1210_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	4	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	4	.	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	400	37	148.62	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	23	10.55	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	23	9.36	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	23	0.13	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	24	0.1	0	.	AD	FS	N	FS		

Seg ID: 1210 - Lake Mexia

AU ID: 1210_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	8	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	8	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	24	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	24	.	2	4.6	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	23	10.55	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	23	9.36	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	37	148.62	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	24	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	24	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	26.7	24	.	15	47.63	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	24	.	1	0.75	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	24	.	5	0.27	JQ	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.11	23	.	3	0.36	JQ	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	24	.	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1210 - Lake Mexia
AU ID: 1210_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	24	0.1	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	23	0.13	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	24	6.97	0	.	AD	FS	N	FS		

**Seg ID: 1210A - Navasota River Above Lake Mexia
AU ID: 1210A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	1.5	19	.	1	1.4	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	2	19	.	2	1.45	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	19	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	19	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	19	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	19	.	4	19.38	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	630	19	155.17	0	.	LD	NC	Y	NS	Bacteria in water	5c

**Seg ID: 1211 - Yegua Creek
AU ID: 1211_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	28	.	1	4.9	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	130	26	64.03	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	140	25	62.01	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	640	28	346.14	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	28	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	28	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	26	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	26	.	13	26.95	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/15	11/30/22	0.33	26	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	25	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	28	.	1	33.1	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	25	0.16	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	150.25	1	.	AD	CN	N	CN	Bacteria in water	

**Seg ID: 1211A - Davidson Creek
AU ID: 1211A_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	4	11	.	2	1.6	AD	FS	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	11	.	2	0.7	AD	FS	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	141	.	37	1.96	SM	NS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	141	.	44	2.18	SM	CS	N	NA		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1211A - Davidson Creek
AU ID: 1211A_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	13	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	13	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	13	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	12	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	133	374.81	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 1212 - Somerville Lake
AU ID: 1212_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	22	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	22	.	1	4.6	AD	NC	N	NC		
General Use	Continuous pH Daily Maximum	Continuous pH	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	High pH in water	5c
	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	77	47.5	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	73	36.59	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	77	217.74	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	22	.	1	9.2	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	22	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	22	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	77	0.05	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	75	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	22	1.09	0	.	AD	FS	N	FS		

**Seg ID: 1212 - Somerville Lake
AU ID: 1212_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	11	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	11	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	77	47.5	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	77	217.74	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	73	36.59	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	11	.	1	9.1	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	11	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	11	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	77	0.05	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	75	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	10	1.12	0	.	LD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1212 - Somerville Lake
AU ID: 1212_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	33	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	33	.	1	4.71	AD	NC	N	NC		
General Use	Continuous pH Daily Maximum	Continuous pH	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	High pH in water	5c
	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	77	47.5	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	73	36.59	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	77	217.74	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	33	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	33	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	33	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	77	0.05	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	75	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	33	0.97	0	.	AD	FS	N	FS		

**Seg ID: 1212 - Somerville Lake
AU ID: 1212_04**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	11	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	11	.	0	.	AD	NC	N	NC		
General Use	Continuous pH Daily Maximum	Continuous pH	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	High pH in water	5c
	Dissolved Solids	Chloride	12/01/15	11/30/22	100	73	36.59	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	100	77	47.5	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	77	217.74	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	11	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	11	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	11	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	77	0.05	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	75	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	11	1.55	0	.	LD	NC	N	NC		

**Seg ID: 1212A - Middle Yegua Creek
AU ID: 1212A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	33	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	33	.	4	4.63	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	33	128.61	1	.	AD	CN	N	CN	Bacteria in water	

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1212A - Middle Yegua Creek
AU ID: 1212A_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	3	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	3	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	74	.	2	2	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	74	.	15	3.88	AD	CS	N	CS	Depressed dissolved oxygen in water	
	Habitat	Habitat	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Impaired habitat in water	
General Use	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	6	.	0	.	LD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	6	.	0	.	LD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	6	.	0	.	LD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	6	.	1	56.7	LD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	74	317.97	1	.	AD	NS	N	NS	Bacteria in water	5r

**Seg ID: 1212B - East Yegua Creek
AU ID: 1212B_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	14	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	14	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	20	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	21	.	3	22.83	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	21	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	21	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	630	20	399.51	0	.	AD	FS	N	FS		

**Seg ID: 1212L - Yegua Creek
AU ID: 1212L_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water	

**Seg ID: 1213 - Little River
AU ID: 1213_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	90	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	90	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	126	36.01	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	154	350.79	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	75	128	45.39	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	90	.	0	.	AD	FS	N	FS		
		Low pH	pH	12/01/15	11/30/22	6.5	90	.	0	.	AD	FS	N	FS	
	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	77	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	74	.	51	3.56	AD	CS	N	CS	Nitrate in water	
		Total phosphorus	12/01/15	11/30/22	0.69	76	.	4	0.81	AD	NC	N	NC		
Water Temperature	Chlorophyll-a	12/01/15	11/30/22	14.1	77	.	31	35.42	AD	CS	N	CS	Chlorophyll-a in water		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	90	.	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1213 - Little River

AU ID: 1213_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	24	0.22	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	123	2.88	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	89	110.13	0	.	AD	FS	N	FS		

Seg ID: 1213 - Little River

AU ID: 1213_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	Chloride	12/01/15	11/30/22	75	128	45.39	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	75	126	36.01	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	154	350.79	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Nitrate in water	
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	24	0.22	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	123	2.88	0	.	AD	FS	N	FS		

Seg ID: 1213 - Little River

AU ID: 1213_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	23	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	23	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	400	154	350.79	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	75	128	45.39	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	75	126	36.01	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	23	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	23	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	24	.	7	26.61	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	23	.	2	3.69	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	23	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	24	.	14	3.8	AD	CS	N	CS	Nitrate in water	
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	23	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	24	0.22	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	123	2.88	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	23	63.36	0	.	AD	FS	N	FS		

Seg ID: 1213 - Little River

AU ID: 1213_04

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	39	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	39	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	126	36.01	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	75	128	45.39	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	154	350.79	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	39	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	39	.	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1213 - Little River
AU ID: 1213_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	Chlorophyll-a	12/01/15	11/30/22	14.1	26	.	1	29.3	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	26	.	10	0.88	AD	CS	N	CS	Total Phosphorus in water	
		Ammonia	12/01/15	11/30/22	0.33	26	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	25	.	18	4.53	AD	CS	N	CS	Nitrate in water	
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	39	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	123	2.88	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	24	0.22	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	38	96.91	0	.	AD	FS	N	FS		

**Seg ID: 1213A - Big Elm Creek
AU ID: 1213A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	49	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	49	.	1	4.9	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	21	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	23	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	21	.	3	35.83	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	23	.	5	3.18	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	47	149.79	1	.	AD	NS	N	NS	Bacteria in water	5r

**Seg ID: 1213B - Little Elm Creek
AU ID: 1213B_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Depressed dissolved oxygen in water	
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Nitrate in water	

**Seg ID: 1213C - Unnamed Tributary of Little Elm Creek
AU ID: 1213C_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Nitrate in water	

**Seg ID: 1214 - San Gabriel River
AU ID: 1214_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	24	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	24	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	45	48	38.04	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	48	32.04	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	48	348.78	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	24	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	24	.	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1214 - San Gabriel River AU ID: 1214_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	24	.	1	20.6	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	22	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	22	.	1	12.4	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	24	.	9	3.56	AD	CS	N	CS	Nitrate in water	
	Water Temperature	Water temperature	12/01/15	11/30/22	32.8	24	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	48	0.21	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	48	2.41	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	23	106.51	0	.	AD	FS	N	FS		

Seg ID: 1214 - San Gabriel River AU ID: 1214_02															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	18	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	18	.	1	4.9	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	45	48	38.04	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	48	32.04	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	48	348.78	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	18	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	18	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	24	.	4	19.65	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	23	.	1	11	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	22	.	1	1.85	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	24	.	11	5.61	AD	CS	N	CS	Nitrate in water	
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	18	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	48	0.21	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	48	2.41	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	24	43.57	0	.	AD	FS	N	FS		

Seg ID: 1215 - Lampasas River Below Stillhouse Hollow Lake AU ID: 1215_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	24	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	24	.	2	4.25	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	23	19.88	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	23	30.23	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	24	320.04	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	24	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	24	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	22	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	24	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	22	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	24	.	1	2.17	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	24	.	0	.	AD	FS	N	FS			

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1215 - Lampasas River Below Stillhouse Hollow Lake
AU ID: 1215_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	24	1.03	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	22	0.22	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	23	69.41	0	.	AD	FS	N	FS		

**Seg ID: 1216 - Stillhouse Hollow Lake
AU ID: 1216_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	81	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	81	.	6	5.51	AD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	100	98	52.42	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	106	324.36	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	75	95	21.81	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	81	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	81	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	81	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	98	0.15	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	75	1.75	0	.	AD	FS	N	FS		

**Seg ID: 1216 - Stillhouse Hollow Lake
AU ID: 1216_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	Chloride	12/01/15	11/30/22	100	98	52.42	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	75	95	21.81	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	106	324.36	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	98	0.15	0	.	AD	FS	N	FS		

**Seg ID: 1216 - Stillhouse Hollow Lake
AU ID: 1216_SA1**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	6	25	.	2	5.6	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	95	21.81	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	106	324.36	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	98	52.42	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	25	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	25	.	0	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	25	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	98	0.15	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1216 - Stillhouse Hollow Lake
AU ID: 1216_SA1**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	23	10.98	0	.	AD	FS	N	FS		

**Seg ID: 1216A - Trimmier Creek
AU ID: 1216A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	27	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	27	.	1	2.28	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	27	119.17	0	.	AD	FS	N	FS		

**Seg ID: 1216C - Pleasant Branch
AU ID: 1216C_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	1.5	18	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	2	18	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	17	326.27	1	.	LD	CN	N	CN	Bacteria in water	

**Seg ID: 1216D - Unnamed tributary of Trimmier Creek
AU ID: 1216D_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	27	.	3	2.63	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	27	.	7	3.4	AD	CS	N	CS	Depressed dissolved oxygen in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	27	269.17	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 1217 - Lampasas River Above Stillhouse Hollow Lake
AU ID: 1217_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	64	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	64	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	2	31.2	0	.	ID	NA	N	NA		
		Chloride	12/01/15	11/30/22	500	2	31.3	0	.	ID	NA	N	NA		
		Total dissolved solids	12/01/15	11/30/22	1200	261	537.88	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	64	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	64	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	62	.	1	22.3	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	63	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	1	.	0	.	ID	NA	N	NA		
	Nitrate	12/01/15	11/30/22	1.95	64	.	0	.	AD	NC	N	NC			
	Water Temperature	Water temperature	12/01/15	11/30/22	32.8	64	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	61	40.57	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1217 - Lampasas River Above Stillhouse Hollow Lake

AU ID: 1217_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	54	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	54	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	2	31.2	0	.	ID	NA	N	NA		
		Chloride	12/01/15	11/30/22	500	2	31.3	0	.	ID	NA	N	NA		
		Total dissolved solids	12/01/15	11/30/22	1200	261	537.88	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	54	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	54	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	61	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	60	.	1	16.1	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	61	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	54	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	59	24.35	0	.	AD	FS	N	FS		

Seg ID: 1217 - Lampasas River Above Stillhouse Hollow Lake

AU ID: 1217_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	63	.	2	1.9	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	63	.	2	1.9	AD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	500	2	31.3	0	.	ID	NA	N	NA		
		Total dissolved solids	12/01/15	11/30/22	1200	261	537.88	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	100	2	31.2	0	.	ID	NA	N	NA		
	High pH	pH	12/01/15	11/30/22	9	63	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	63	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	62	.	1	28.8	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	62	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	1	.	0	.	ID	NA	N	NA		
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	63	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	61	50.63	0	.	AD	FS	N	FS		

Seg ID: 1217 - Lampasas River Above Stillhouse Hollow Lake

AU ID: 1217_04

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	41	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	41	.	2	3.25	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	2	31.2	0	.	ID	NA	N	NA		
		Chloride	12/01/15	11/30/22	500	2	31.3	0	.	ID	NA	N	NA		
		Total dissolved solids	12/01/15	11/30/22	1200	261	537.88	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	41	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	41	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	57	.	10	23.7	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	55	.	1	0.76	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	56	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	41	.	0	.	AD	FS	N	FS			

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1217 - Lampasas River Above Stillhouse Hollow Lake

AU ID: 1217_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	12/01/15	11/30/22	126	40	102.32	0	.	AD	FS	N	FS		

Seg ID: 1217 - Lampasas River Above Stillhouse Hollow Lake

AU ID: 1217_05

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	1	1.9	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	28	.	3	3.53	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	2	31.2	0	.	ID	NA	N	NA		
		Chloride	12/01/15	11/30/22	500	2	31.3	0	.	ID	NA	N	NA		
		Total dissolved solids	12/01/15	11/30/22	1200	261	537.88	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	28	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	28	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	48	.	17	61.97	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	48	.	1	1.52	AD	NC	N	NC		
Nitrate		12/01/15	11/30/22	1.95	49	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	28	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	28	144	1	.	AD	NS	N	NS	Bacteria in water	5r

Seg ID: 1217A - Rocky Creek

AU ID: 1217A_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	27	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	1	.	0	.	ID	NA	N	NA		
		Nitrate	12/01/15	11/30/22	1.95	27	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	1	.	0	.	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	109.39	0	.	AD	FS	N	FS		

Seg ID: 1217B - Sulphur Creek

AU ID: 1217B_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	123	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	123	.	1	4.8	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	122	.	1	14.5	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	125	.	1	2.54	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	123	.	1	0.82	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	119	54.55	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1217B - Sulphur Creek

AU ID: 1217B_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	63	.	3	2.3	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	63	.	13	3.54	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	63	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	62	.	6	32.7	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	62	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	61	59.74	0	.	AD	FS	N	FS		

Seg ID: 1217D - North Fork Rocky Creek

AU ID: 1217D_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	4	10	.	1	1.4	AD	FS	N	FS		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	10	.	1	0.4	AD	FS	N	FS		

Seg ID: 1217F - Reese Creek

AU ID: 1217F_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	59	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	59	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	58	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	57	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	59	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	56	63.26	0	.	AD	FS	N	FS		

Seg ID: 1217G - Clear Creek

AU ID: 1217G_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	58	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	58	.	2	4.25	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	62	.	4	66.78	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	62	.	7	0.9	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	63	.	5	2.22	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	56	33.82	0	.	AD	FS	N	FS		

Seg ID: 1218 - Nolan Creek/ South Nolan Creek

AU ID: 1218_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	24	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	24	.	0	.	AD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1218 - Nolan Creek/ South Nolan Creek
AU ID: 1218_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	27	42.44	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	27	66.24	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	195	427	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	24	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	24	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	22	.	1	79.7	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	24	.	23	2.15	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/15	11/30/22	1.95	24	.	23	11.56	AD	CS	N	CS	Nitrate in water	
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	24	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	24	283.29	1	.	AD	NS	N	NS	Bacteria in water	5r

**Seg ID: 1218 - Nolan Creek/ South Nolan Creek
AU ID: 1218_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	171	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	171	.	1	3.9	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	27	42.44	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	27	66.24	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	195	427	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	171	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	171	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	130	.	2	168.45	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	144	.	132	2.92	AD	CS	N	CS	Total Phosphorus in water	
		Ammonia	12/01/15	11/30/22	0.33	1	.	0	.	ID	NA	N	NA		
Nitrate	12/01/15	11/30/22	1.95	166	.	159	14.45	AD	CS	N	CS	Nitrate in water			
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	171	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	171	355.19	1	.	AD	NS	N	NS	Bacteria in water	5r

**Seg ID: 1218 - Nolan Creek/ South Nolan Creek
AU ID: 1218_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	100	27	66.24	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	75	27	42.44	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	195	427	0	.	AD	FS	N	FS		

**Seg ID: 1218A - Unnamed Tributary to Little Nolan Creek
AU ID: 1218A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1218C - Little Nolan Creek

AU ID: 1218C_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	41	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	41	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	40	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	23	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	22	.	1	19.5	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	40	510.26	1	.	AD	NS	N	NS	Bacteria in water	5r

Seg ID: 1218D - Long Branch

AU ID: 1218D_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Bacteria in water	5c

Seg ID: 1219 - Leon River Below Belton Lake

AU ID: 1219_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	24	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	24	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	23	31.35	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	150	23	46.5	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	24	364.76	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	24	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	24	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	22	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	24	.	15	1.14	AD	CS	N	CS	Total Phosphorus in water	
		Ammonia	12/01/15	11/30/22	0.33	21	.	0	.	AD	NC	N	NC		
	Nitrate	12/01/15	11/30/22	1.95	23	.	18	5.78	AD	CS	N	CS	Nitrate in water		
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	24	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	23	4.65	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	23	0.17	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	23	87.48	0	.	AD	FS	N	FS		

Seg ID: 1220 - Belton Lake

AU ID: 1220_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	55	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	55	.	3	3.99	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	136	22.43	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	136	28.87	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	139	257	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	55	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	55	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	55	.	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1220 - Belton Lake
AU ID: 1220_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	135	0.19	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	52	1.52	0	.	AD	FS	N	FS		

**Seg ID: 1220 - Belton Lake
AU ID: 1220_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	29	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	29	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	136	22.43	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	136	28.87	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	139	257	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	29	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	29	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	29	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	135	0.19	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	29	1.86	0	.	AD	FS	N	FS		

**Seg ID: 1220 - Belton Lake
AU ID: 1220_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	55	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	55	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	136	22.43	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	136	28.87	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	139	257	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	55	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	55	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	55	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	135	0.19	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	55	1.86	0	.	AD	FS	N	FS		

**Seg ID: 1220A - Cowhouse Creek
AU ID: 1220A_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	26	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	26	.	0	.	AD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1220A - Cowhouse Creek

AU ID: 1220A_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	97.22	0	.	AD	FS	N	FS		

Seg ID: 1221 - Leon River Below Proctor Lake

AU ID: 1221_04

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	101	.	1	2.1	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	101	.	2	3.35	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	270	51.76	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	150	270	81.66	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	900	298	479.81	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	101	.	1	9.1	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	101	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	103	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water	
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	101	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	270	0.27	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	99	168.99	1	.	AD	NS	N	NS	Bacteria in water	5r

Seg ID: 1221 - Leon River Below Proctor Lake

AU ID: 1221_05

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	103	.	4	1.93	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	103	.	14	3.7	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	270	51.76	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	150	270	81.66	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	900	298	479.81	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	103	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	103	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	78	.	62	39.84	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/15	11/30/22	0.33	4	.	0	.	LD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	103	.	3	2.68	AD	NC	N	NC		
Total phosphorus		12/01/15	11/30/22	0.69	78	.	1	1.16	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	103	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	270	0.27	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	100	118.48	0	.	AD	FS	N	FS		

Seg ID: 1221 - Leon River Below Proctor Lake

AU ID: 1221_06

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	23	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	23	.	0	.	AD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1221 - Leon River Below Proctor Lake
AU ID: 1221_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	Sulfate	12/01/15	11/30/22	100	270	51.76	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	150	270	81.66	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	900	298	479.81	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	23	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	23	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water	
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	23	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	270	0.27	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	19	236.03	1	.	LD	CN	Y	NS	Bacteria in water	5r

**Seg ID: 1221 - Leon River Below Proctor Lake
AU ID: 1221_07**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	68	.	5	2.42	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	68	.	21	3.79	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	270	51.76	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	150	270	81.66	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	900	298	479.81	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	68	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	68	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	72	.	64	28.37	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	71	.	1	0.91	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	70	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	68	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	270	0.27	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	68	95.42	0	.	AD	FS	N	FS		

**Seg ID: 1221A - Resley Creek
AU ID: 1221A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Continuous Dissolved Oxygen Daily 24hr Average	Continuous dissolved oxygen 24hr	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5r
	Continuous Dissolved Oxygen Daily 24hr Minimum	Continuous dissolved oxygen 24hr	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5r
	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	2	8	.	2	1.15	SM	CN	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	1.5	8	.	2	0.55	SM	CN	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	1.5	50	.	1	1.3	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	2	50	.	1	1.3	SM	NC	N	NA		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	46	.	22	65.45	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	46	.	5	0.96	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	46	.	2	3.08	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	45	246.87	1	.	AD	NS	N	NS	Bacteria in water	5b

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1221A - Resley Creek
AU ID: 1221A_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	Chlorophyll-a	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Bacteria in water	5b

**Seg ID: 1221B - South Leon River
AU ID: 1221B_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	17	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	17	.	1	3.6	AD	NC	N	NC		
	Habitat	Habitat	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Impaired habitat in water	
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	18	.	1	24	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	06/13/13	11/30/22	126	20	205.64	1	.	AD	NS	N	NS	Bacteria in water	5b

**Seg ID: 1221C - Pecan Creek
AU ID: 1221C_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	21	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	21	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	25	.	1	4.5	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	21	182.77	1	.	AD	NS	N	NS	Bacteria in water	5b

**Seg ID: 1221D - Indian Creek
AU ID: 1221D_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	15	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	15	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	16	.	3	0.94	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	14	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	16	.	11	40.83	AD	CS	N	CS	Chlorophyll-a in water	
		Nitrate	12/01/15	11/30/22	1.95	15	.	4	4.25	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	14	692.93	1	.	LD	CN	Y	NS	Bacteria in water	5b

**Seg ID: 1221D - Indian Creek
AU ID: 1221D_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	26	.	0	.	AD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1221D - Indian Creek

AU ID: 1221D_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	25	.	6	0.49	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	27	.	15	45.74	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	28	.	17	1.19	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/15	11/30/22	1.95	27	.	27	9.76	AD	CS	N	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	24	197.03	1	.	AD	NS	N	NS	Bacteria in water	5b

Seg ID: 1221E - Plum Creek

AU ID: 1221E_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	25	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	26	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	25	57.21	0	.	AD	FS	N	FS		

Seg ID: 1221F - Walnut Creek

AU ID: 1221F_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	25	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	23	.	4	28.15	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	25	.	2	1.35	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	25	.	9	2.9	AD	CS	N	CS	Nitrate in water	
		Ammonia	12/01/15	11/30/22	0.33	24	.	2	0.58	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	1030	24	394.84	0	.	AD	FS	N	FS		

Seg ID: 1221G - Coryell Creek

AU ID: 1221G_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	21	.	2	2.45	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	21	.	2	2.45	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	25	.	3	3.08	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	22	241.6	1	.	AD	NS	N	NS	Bacteria in water	5r

Seg ID: 1222 - Proctor Lake

AU ID: 1222_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	15	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	15	.	1	4.79	AD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1222 - Proctor Lake
AU ID: 1222_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	39	38.13	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	200	39	71.8	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	46	359.94	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	15	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	15	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	15	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	39	0.1	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	13	2.37	0	.	LD	NC	N	NC		

**Seg ID: 1222 - Proctor Lake
AU ID: 1222_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	15	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	15	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	200	39	71.8	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	46	359.94	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	75	39	38.13	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	15	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	15	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	15	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	39	0.1	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	13	2.33	0	.	LD	NC	N	NC		

**Seg ID: 1222 - Proctor Lake
AU ID: 1222_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	16	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	16	.	2	3.98	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	39	38.13	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	200	39	71.8	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	46	359.94	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	16	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	16	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	16	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	39	0.1	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	13	7.03	0	.	LD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1222A - Duncan Creek

AU ID: 1222A_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	1.5	14	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	2	14	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	630	12	218.09	0	.	LD	NC	Y	NS	Bacteria in water	5c

Seg ID: 1222B - Rush-Copperas Creek

AU ID: 1222B_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	19	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	19	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	19	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	19	.	2	32.05	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	19	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	18	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	18	137.37	1	.	LD	CN	Y	NS	Bacteria in water	5c

Seg ID: 1222C - Sabana River

AU ID: 1222C_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	1.5	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	2	26	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	24	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	24	.	2	15.3	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	26	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	25	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	248.74	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 1222D - Sowell's Creek

AU ID: 1222D_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

Seg ID: 1222E - Sweetwater Creek

AU ID: 1222E_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	1.5	15	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	2	15	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	13	240.34	1	.	LD	CN	Y	NS	Bacteria in water	5c

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1222F - Hackberry Creek
AU ID: 1222F_01**

Use	Method	Parameter	Start Date	End 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	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Depressed dissolved oxygen in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

**Seg ID: 1223 - Leon River Below Leon Reservoir
AU ID: 1223_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	16	.	3	3.37	AD	CN	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	16	.	4	1.98	AD	NS	N	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	30	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	30	.	4	3.53	SM	NC	N	NA		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	1240	32	758.47	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	130	18	76.38	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	480	17	197.33	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	30	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	30	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	25	.	9	50.79	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	26	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	25	.	0	.	AD	NC	N	NC		
Nitrate		12/01/15	11/30/22	1.95	25	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	30	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	17	0.08	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	18	0.2	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	06/29/15	11/30/22	126	20	305.73	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 1223A - Armstrong Creek
AU ID: 1223A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	1.5	48	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	2	48	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	45	.	4	0.76	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	45	.	9	28.61	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	47	.	42	6.78	AD	CS	N	CS	Nitrate in water	
		Total phosphorus	12/01/15	11/30/22	0.69	47	.	1	0.86	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	1030	47	470.47	0	.	AD	FS	N	FS		

**Seg ID: 1223B - Cow Creek
AU ID: 1223B_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1224 - Leon Reservoir
AU ID: 1224_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	19	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	19	.	3	3.89	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	36	24.77	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	150	36	39.83	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	38	254.32	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	19	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	19	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	26.7	17	.	6	37.05	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	18	.	0	.	JQ	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.11	17	.	2	0.16	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	17	.	0	.	JQ	NA	N	NA		
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	19	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	35	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	34	0.13	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	08/18/14	11/30/22	126	20	1.32	0	.	AD	FS	N	FS		

**Seg ID: 1224 - Leon Reservoir
AU ID: 1224_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	19	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	19	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	36	24.77	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	38	254.32	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	150	36	39.83	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	19	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	19	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	26.7	17	.	9	38.63	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	17	.	0	.	JQ	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.11	17	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	18	.	0	.	JQ	NA	N	NA		
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	19	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	35	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	34	0.13	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	08/18/14	11/30/22	126	20	1.53	0	.	AD	FS	N	FS		

**Seg ID: 1225 - Waco Lake
AU ID: 1225_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	24	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	24	.	0	.	AD	NC	N	NC		
	Toxic Substances in sediment	Mercury	12/01/15	11/30/22	1.06	4	.	0	.	LD	NC	N	NC		
		Manganese	12/01/15	11/30/22	1100	5	.	0	.	LD	NC	N	NC		
		Lead	12/01/15	11/30/22	128	5	.	0	.	LD	NC	N	NC		
		Copper	12/01/15	11/30/22	149	5	.	0	.	LD	NC	N	NC		
		Chromium	12/01/15	11/30/22	111	5	.	0	.	LD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1225 - Waco Lake
AU ID: 1225_01

Use	Method	Parameter	Start 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	Cadmium	12/01/15	11/30/22	4.98	5	.	0	.	LD	NC	N	NC		
		Arsenic	12/01/15	11/30/22	33	5	.	0	.	LD	NC	N	NC		
		Methyl methacrylate	12/01/15	11/30/22	56980	2	.	0	.	ID	NA	N	NA		
		p-Cymene	12/01/15	11/30/22	5980	2	.	0	.	ID	NA	N	NA		
		Cumene	12/01/15	11/30/22	53950	2	.	0	.	ID	NA	N	NA		
		Bis(2-ethylhexyl)phthalate	12/01/15	11/30/22	22000	4	.	0	.	LD	NC	N	NC		
		2-Hexanone	12/01/15	11/30/22	28200	2	.	0	.	ID	NA	N	NA		
		1,2-Dichlorobenzene	12/01/15	11/30/22	4950	4	.	0	.	LD	NC	N	NC		
		Arachlor 1248	12/01/15	11/30/22	1500	4	.	0	.	LD	NC	N	NC		
		Arachlor 1016	12/01/15	11/30/22	530	4	.	0	.	LD	NC	N	NC		
		Bromodichloromethane	12/01/15	11/30/22	14740	2	.	0	.	ID	NA	N	NA		
		Methyl ethyl ketone	12/01/15	11/30/22	154260	2	.	0	.	ID	NA	N	NA		
		Vinyl chloride	12/01/15	11/30/22	4180	2	.	0	.	ID	NA	N	NA		
		1,1,2-Trichloroethane	12/01/15	11/30/22	5880	2	.	0	.	ID	NA	N	NA		
		1,2,4-Trichlorobenzene	12/01/15	11/30/22	5310	4	.	0	.	LD	NC	N	NC		
		Bromoform	12/01/15	11/30/22	1310	2	.	0	.	ID	NA	N	NA		
		Methylene chloride	12/01/15	11/30/22	46520	2	.	0	.	ID	NA	N	NA		
		4-Methyl-2-Pentanone (MIBK)	12/01/15	11/30/22	116590	2	.	0	.	ID	NA	N	NA		
		Ethylbenzene	12/01/15	11/30/22	7880	2	.	0	.	ID	NA	N	NA		
		1,2-Dichloropropane	12/01/15	11/30/22	21120	2	.	0	.	ID	NA	N	NA		
		2-Methylnaphthalene	12/01/15	11/30/22	201	4	.	0	.	LD	NC	N	NC		
		Chloroform	12/01/15	11/30/22	5670	2	.	0	.	ID	NA	N	NA		
		Xylene	12/01/15	11/30/22	12010	2	.	0	.	ID	NA	N	NA		
		Toluene	12/01/15	11/30/22	20290	2	.	0	.	ID	NA	N	NA		
		Tetrachloroethene	12/01/15	11/30/22	8210	2	.	0	.	ID	NA	N	NA		
		1,1,2,2-Tetrachloroethane	12/01/15	11/30/22	3800	2	.	0	.	ID	NA	N	NA		
		Styrene	12/01/15	11/30/22	61420	2	.	0	.	ID	NA	N	NA		
		Nitrobenzene	12/01/15	11/30/22	6290	4	.	0	.	LD	NC	N	NC		
		1,2-Dichloroethene (trans)	12/01/15	11/30/22	71840	2	.	0	.	ID	NA	N	NA		
		1,1-Dichloroethane	12/01/15	11/30/22	13890	2	.	0	.	ID	NA	N	NA		
		Dichlorodifluoromethane	12/01/15	11/30/22	22090	2	.	0	.	ID	NA	N	NA		
		Carbon tetrachloride	12/01/15	11/30/22	21000	2	.	0	.	ID	NA	N	NA		
		Carbon disulfide	12/01/15	11/30/22	780	2	.	0	.	ID	NA	N	NA		
		Benzene	12/01/15	11/30/22	2870	2	.	0	.	ID	NA	N	NA		
		Di-n-butyl phthalate	12/01/15	11/30/22	80000	4	.	0	.	LD	NC	N	NC		
		Toxaphene	12/01/15	11/30/22	32	4	.	0	.	LD	NC	N	NC		
		gamma-BHC (Lindane)	12/01/15	11/30/22	4.99	2	.	0	.	ID	NA	N	NA		
		beta-BHC	12/01/15	11/30/22	210	4	.	0	.	LD	NC	N	NC		
		alpha-BHC	12/01/15	11/30/22	100	3	.	0	.	ID	NA	N	NA		
		Benzo(a)anthracene	12/01/15	11/30/22	1050	4	.	0	.	LD	NC	N	NC		
		1,3-Dichlorobenzene	12/01/15	11/30/22	350	4	.	0	.	LD	NC	N	NC		
		Pyrene	12/01/15	11/30/22	1520	4	.	0	.	LD	NC	N	NC		
		Phenanthrene	12/01/15	11/30/22	1170	4	.	0	.	LD	NC	N	NC		
		PCBs	12/01/15	11/30/22	676	4	.	0	.	LD	NC	N	NC		
		Hexachloroethane	12/01/15	11/30/22	3945	4	.	0	.	LD	NC	N	NC		
Hexachlorobutadiene (HCBd)	12/01/15	11/30/22	550	4	.	0	.	LD	NC	N	NC				
Hexachlorobenzene (HCB)	12/01/15	11/30/22	240	4	.	0	.	LD	NC	N	NC				
Heptachlor epoxide	12/01/15	11/30/22	16	3	.	0	.	ID	NA	N	NA				
Naphthalene	12/01/15	11/30/22	561	4	.	0	.	LD	NC	N	NC				
Trichloroethene	12/01/15	11/30/22	13690	2	.	0	.	ID	NA	N	NA				
Acetone	12/01/15	11/30/22	360180	2	.	0	.	ID	NA	N	NA				
Chlorobenzene	12/01/15	11/30/22	3000	2	.	0	.	ID	NA	N	NA				
Endosulfan I (alpha)	12/01/15	11/30/22	7.4	3	.	0	.	ID	NA	N	NA				
Parathion (ethyl)	12/01/15	11/30/22	3.7	1	.	0	.	ID	NA	N	NA				
Methoxychlor	12/01/15	11/30/22	95	3	.	0	.	ID	NA	N	NA				
1,2-Dichloroethane	12/01/15	11/30/22	28680	2	.	0	.	ID	NA	N	NA				

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1225 - Waco Lake
AU ID: 1225_01**

Use	Method	Parameter	Start 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	Malathion	12/01/15	11/30/22	6.2	2	.	0	.	ID	NA	N	NA		
		delta-BHC	12/01/15	11/30/22	2300	3	.	0	.	ID	NA	N	NA		
		3-Methyl-4-chlorophenol	12/01/15	11/30/22	5620	4	.	0	.	LD	NC	N	NC		
		Phenol (single compound)	12/01/15	11/30/22	210	4	.	0	.	LD	NC	N	NC		
		Dimethyl phthalate	12/01/15	11/30/22	8900	4	.	0	.	LD	NC	N	NC		
		Diethyl phthalate	12/01/15	11/30/22	11000	4	.	0	.	LD	NC	N	NC		
		N-Butyl benzyl phthalate	12/01/15	11/30/22	150000	4	.	0	.	LD	NC	N	NC		
		Methyl bromide	12/01/15	11/30/22	460	2	.	0	.	ID	NA	N	NA		
		Diazinon	12/01/15	11/30/22	7.3	2	.	0	.	ID	NA	N	NA		
		Di-n-octyl phthalate	12/01/15	11/30/22	1100	4	.	0	.	LD	NC	N	NC		
		2,4-Dinitrotoluene	12/01/15	11/30/22	8020	4	.	0	.	LD	NC	N	NC		
		Hexachlorocyclopentadiene	12/01/15	11/30/22	202	3	.	0	.	ID	NA	N	NA		
		1,1-Dichloroethylene	12/01/15	11/30/22	11200	2	.	0	.	ID	NA	N	NA		
		Dibromochloromethane	12/01/15	11/30/22	940	2	.	0	.	ID	NA	N	NA		
		tert-Butylbenzene	12/01/15	11/30/22	7260	2	.	0	.	ID	NA	N	NA		
		sec-Butylbenzene	12/01/15	11/30/22	5280	2	.	0	.	ID	NA	N	NA		
		1,1,1-Trichloroethane	12/01/15	11/30/22	24790	2	.	0	.	ID	NA	N	NA		
		Arachlor 1254	12/01/15	11/30/22	340	4	.	0	.	LD	NC	N	NC		
		Arachlor1260	12/01/15	11/30/22	240	4	.	0	.	LD	NC	N	NC		
		n-Propylbenzene	12/01/15	11/30/22	4350	2	.	0	.	ID	NA	N	NA		
		Fluorene	12/01/15	11/30/22	536	4	.	0	.	LD	NC	N	NC		
		Fluoranthene	12/01/15	11/30/22	2230	4	.	0	.	LD	NC	N	NC		
		Pentachlorophenol (PCP)	12/01/15	11/30/22	1200	4	.	0	.	LD	NC	N	NC		
		Endrin	12/01/15	11/30/22	207	3	.	0	.	ID	NA	N	NA		
		N-Butylbenzene	12/01/15	11/30/22	6570	2	.	0	.	ID	NA	N	NA		
		Endosulfan II (beta)	12/01/15	11/30/22	35	3	.	0	.	ID	NA	N	NA		
		Dieldrin	12/01/15	11/30/22	61.8	2	.	0	.	ID	NA	N	NA		
		Dibenz(a,h)anthracene	12/01/15	11/30/22	135	4	.	0	.	LD	NC	N	NC		
		Heptachlor	12/01/15	11/30/22	2.74	3	.	0	.	ID	NA	N	NA		
		DDT	12/01/15	11/30/22	62.9	3	.	0	.	ID	NA	N	NA		
		DDE	12/01/15	11/30/22	31.3	3	.	0	.	ID	NA	N	NA		
		DDD	12/01/15	11/30/22	28	2	.	0	.	ID	NA	N	NA		
		Chrysene	12/01/15	11/30/22	1290	4	.	0	.	LD	NC	N	NC		
Chloromethane	12/01/15	11/30/22	106800	2	.	0	.	ID	NA	N	NA				
Chlordane	12/01/15	11/30/22	17.6	4	.	0	.	LD	NC	N	NC				
Benzo(a)pyrene	12/01/15	11/30/22	1450	4	.	0	.	LD	NC	N	NC				
Anthracene	12/01/15	11/30/22	845	4	.	0	.	LD	NC	N	NC				
Acrylonitrile	12/01/15	11/30/22	1650	2	.	0	.	ID	NA	N	NA				
Acenaphthylene	12/01/15	11/30/22	128	4	.	0	.	LD	NC	N	NC				
Aldrin	12/01/15	11/30/22	80	3	.	0	.	ID	NA	N	NA				
Acenaphthene	12/01/15	11/30/22	88.9	4	.	0	.	LD	NC	N	NC				
1,4-Dichlorobenzene	12/01/15	11/30/22	4650	4	.	0	.	LD	NC	N	NC				
Iron	12/01/15	11/30/22	40000	4	.	0	.	LD	NC	N	NC				
Zinc	12/01/15	11/30/22	459	5	.	0	.	LD	NC	N	NC				
Silver	12/01/15	11/30/22	1.7	5	.	0	.	LD	NC	N	NC				
Nickel	12/01/15	11/30/22	48.6	5	.	0	.	LD	NC	N	NC				
Fish Consumption Use	HH Bioaccumulative Toxics in water	Mercury	12/01/15	11/30/22	0.01	9	0	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/15	11/30/22	1.15	9	0.16	0	.	LD	NC	N	NC		
		Nickel (dissolved)	12/01/15	11/30/22	332	10	2.38	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	400	71	218.58	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	60	63	19.97	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	60	60	15.14	0	.	AD	FS	N	FS		
		High pH	12/01/15	11/30/22	9	24	.	0	.	AD	FS	N	FS		
		Low pH	12/01/15	11/30/22	6.5	24	.	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1225 - Waco Lake
AU ID: 1225_01**

Use	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 Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	24	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Mercury	12/01/15	11/30/22	0.01	9	0	0	.	LD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	10	66	0.35	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	1.15	9	0.16	0	.	LD	NC	N	NC		
		Fluoride	12/01/15	11/30/22	4	63	0.16	0	.	AD	FS	N	FS		
		Selenium	12/01/15	11/30/22	50	9	1	0	.	LD	NC	N	NC		
		Cadmium (dissolved)	12/01/15	11/30/22	5	9	0.15	0	.	LD	NC	N	NC		
		Nickel (dissolved)	12/01/15	11/30/22	332	10	2.38	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/15	11/30/22	10	10	2.69	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	21	6.08	0	.	AD	FS	N	FS		

**Seg ID: 1225 - Waco Lake
AU ID: 1225_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)	12/01/15	11/30/22	121.56	10	.	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/15	11/30/22	485.69	10	.	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/15	11/30/22	67.69	9	.	0	.	LD	NC	N	NC			
		Chromium (Tri)(dissolved)	12/01/15	11/30/22	590.32	10	.	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/15	11/30/22	14.89	9	.	0	.	LD	NC	N	NC			
		Mercury	12/01/15	11/30/22	2.4	9	.	0	.	LD	NC	N	NC			
		Cadmium (dissolved)	12/01/15	11/30/22	9.01	9	.	0	.	LD	NC	N	NC			
		Arsenic (dissolved)	12/01/15	11/30/22	340	10	.	0	.	AD	FS	N	FS			
		Selenium	12/01/15	11/30/22	20	9	.	0	.	LD	NC	N	NC			
	Aluminum (dissolved)	12/01/15	11/30/22	991	10	.	0	.	AD	FS	N	FS				
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/15	11/30/22	141.76	10	2.05	0	.	AD	FS	N	FS			
		Mercury	12/01/15	11/30/22	1.3	9	0	0	.	LD	NC	N	NC			
		Lead (dissolved)	12/01/15	11/30/22	3.18	9	0.16	0	.	LD	NC	N	NC			
		Copper (dissolved)	12/01/15	11/30/22	11.38	9	0.42	0	.	LD	NC	N	NC			
		Chromium (Tri)(dissolved)	12/01/15	11/30/22	88.39	10	1.85	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/15	11/30/22	150	10	3.44	0	.	AD	FS	N	FS			
		Selenium	12/01/15	11/30/22	5	9	1.83	0	.	LD	NC	N	NC			
	Dissolved Oxygen	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	23	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	23	.	4	4.15	AD	CS	N	CS	Depressed dissolved oxygen in water	
	Toxic Substances in sediment	Tetrachloroethene	12/01/15	11/30/22	8210	2	.	0	.	ID	NA	N	NA			
		Nitrobenzene	12/01/15	11/30/22	6290	4	.	0	.	LD	NC	N	NC			
		Methylene chloride	12/01/15	11/30/22	46520	2	.	0	.	ID	NA	N	NA			
		1,2-Dichloroethene (trans)	12/01/15	11/30/22	71840	2	.	0	.	ID	NA	N	NA			
		Dichlorodifluoromethane	12/01/15	11/30/22	22090	2	.	0	.	ID	NA	N	NA			
		Chlorobenzene	12/01/15	11/30/22	3000	2	.	0	.	ID	NA	N	NA			
		alpha-BHC	12/01/15	11/30/22	100	3	.	0	.	ID	NA	N	NA			
		Benzo(a)anthracene	12/01/15	11/30/22	1050	4	.	0	.	LD	NC	N	NC			
		Naphthalene	12/01/15	11/30/22	561	4	.	0	.	LD	NC	N	NC			
		Pyrene	12/01/15	11/30/22	1520	4	.	0	.	LD	NC	N	NC			
		Phenanthrene	12/01/15	11/30/22	1170	4	.	0	.	LD	NC	N	NC			
Hexachloroethane		12/01/15	11/30/22	3945	4	.	0	.	LD	NC	N	NC				
Heptachlor epoxide		12/01/15	11/30/22	16	3	.	0	.	ID	NA	N	NA				
Fluorene		12/01/15	11/30/22	536	4	.	0	.	LD	NC	N	NC				
Endrin	12/01/15	11/30/22	207	3	.	0	.	ID	NA	N	NA					
Dieldrin	12/01/15	11/30/22	61.8	2	.	0	.	ID	NA	N	NA					

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1225 - Waco Lake
AU ID: 1225_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/15	11/30/22	135	4	.	0	.	LD	NC	N	NC		
		DDE	12/01/15	11/30/22	31.3	3	.	0	.	ID	NA	N	NA		
		DDD	12/01/15	11/30/22	28	2	.	0	.	ID	NA	N	NA		
		Hexachlorobutadiene (HCBd)	12/01/15	11/30/22	550	4	.	0	.	LD	NC	N	NC		
		Chrysene	12/01/15	11/30/22	1290	4	.	0	.	LD	NC	N	NC		
		Chlordane	12/01/15	11/30/22	17.6	4	.	0	.	LD	NC	N	NC		
		Benzo(a)pyrene	12/01/15	11/30/22	1450	4	.	0	.	LD	NC	N	NC		
		Anthracene	12/01/15	11/30/22	845	4	.	0	.	LD	NC	N	NC		
		Diethyl phthalate	12/01/15	11/30/22	11000	4	.	0	.	LD	NC	N	NC		
		1,1-Dichloroethylene	12/01/15	11/30/22	11200	2	.	0	.	ID	NA	N	NA		
		1,3-Dichlorobenzene	12/01/15	11/30/22	350	4	.	0	.	LD	NC	N	NC		
		beta-BHC	12/01/15	11/30/22	210	4	.	0	.	LD	NC	N	NC		
		Dibromochloromethane	12/01/15	11/30/22	940	2	.	0	.	ID	NA	N	NA		
		sec-Butylbenzene	12/01/15	11/30/22	5280	2	.	0	.	ID	NA	N	NA		
		1,1-Dichloroethane	12/01/15	11/30/22	13890	2	.	0	.	ID	NA	N	NA		
		Malathion	12/01/15	11/30/22	6.2	2	.	0	.	ID	NA	N	NA		
		Methyl methacrylate	12/01/15	11/30/22	56980	2	.	0	.	ID	NA	N	NA		
		p-Cymene	12/01/15	11/30/22	5980	2	.	0	.	ID	NA	N	NA		
		1,1,2,2-Tetrachloroethane	12/01/15	11/30/22	3800	2	.	0	.	ID	NA	N	NA		
		Methyl ethyl ketone	12/01/15	11/30/22	154260	2	.	0	.	ID	NA	N	NA		
		Arachlor1260	12/01/15	11/30/22	240	4	.	0	.	LD	NC	N	NC		
		Vinyl chloride	12/01/15	11/30/22	4180	2	.	0	.	ID	NA	N	NA		
		Arachlor 1254	12/01/15	11/30/22	340	4	.	0	.	LD	NC	N	NC		
		N-Butyl benzyl phthalate	12/01/15	11/30/22	150000	4	.	0	.	LD	NC	N	NC		
		Di-n-octyl phthalate	12/01/15	11/30/22	1100	4	.	0	.	LD	NC	N	NC		
		gamma-BHC (Lindane)	12/01/15	11/30/22	4.99	2	.	0	.	ID	NA	N	NA		
		2,4-Dinitrotoluene	12/01/15	11/30/22	8020	4	.	0	.	LD	NC	N	NC		
		Diazinon	12/01/15	11/30/22	7.3	2	.	0	.	ID	NA	N	NA		
		n-Propylbenzene	12/01/15	11/30/22	4350	2	.	0	.	ID	NA	N	NA		
		Pentachlorophenol (PCP)	12/01/15	11/30/22	1200	4	.	0	.	LD	NC	N	NC		
		Endosulfan II (beta)	12/01/15	11/30/22	35	3	.	0	.	ID	NA	N	NA		
		Parathion (ethyl)	12/01/15	11/30/22	3.7	1	.	0	.	ID	NA	N	NA		
		1,1,2-Trichloroethane	12/01/15	11/30/22	5880	2	.	0	.	ID	NA	N	NA		
		1,2,4-Trichlorobenzene	12/01/15	11/30/22	5310	4	.	0	.	LD	NC	N	NC		
		Bromoform	12/01/15	11/30/22	1310	2	.	0	.	ID	NA	N	NA		
		Toluene	12/01/15	11/30/22	20290	2	.	0	.	ID	NA	N	NA		
		Hexachlorocyclopentadiene	12/01/15	11/30/22	202	3	.	0	.	ID	NA	N	NA		
		Ethylbenzene	12/01/15	11/30/22	7880	2	.	0	.	ID	NA	N	NA		
		4-Methyl-2-Pentanone (MIBK)	12/01/15	11/30/22	116590	2	.	0	.	ID	NA	N	NA		
		1,2-Dichloropropane	12/01/15	11/30/22	21120	2	.	0	.	ID	NA	N	NA		
		1,2-Dichloroethane	12/01/15	11/30/22	28680	2	.	0	.	ID	NA	N	NA		
		Carbon disulfide	12/01/15	11/30/22	780	2	.	0	.	ID	NA	N	NA		
		Arachlor 1016	12/01/15	11/30/22	530	4	.	0	.	LD	NC	N	NC		
		Arachlor 1248	12/01/15	11/30/22	1500	4	.	0	.	LD	NC	N	NC		
		Benzene	12/01/15	11/30/22	2870	2	.	0	.	ID	NA	N	NA		
1,1,1-Trichloroethane	12/01/15	11/30/22	24790	2	.	0	.	ID	NA	N	NA				
Acetone	12/01/15	11/30/22	360180	2	.	0	.	ID	NA	N	NA				
Heptachlor	12/01/15	11/30/22	2.74	3	.	0	.	ID	NA	N	NA				
Carbon tetrachloride	12/01/15	11/30/22	21000	2	.	0	.	ID	NA	N	NA				
Methoxychlor	12/01/15	11/30/22	95	3	.	0	.	ID	NA	N	NA				
Endosulfan I (alpha)	12/01/15	11/30/22	7.4	3	.	0	.	ID	NA	N	NA				
Cumene	12/01/15	11/30/22	53950	2	.	0	.	ID	NA	N	NA				
Methyl bromide	12/01/15	11/30/22	460	2	.	0	.	ID	NA	N	NA				
N-Butylbenzene	12/01/15	11/30/22	6570	2	.	0	.	ID	NA	N	NA				
Bis(2-ethylhexyl)phthalate	12/01/15	11/30/22	22000	4	.	0	.	LD	NC	N	NC				
tert-Butylbenzene	12/01/15	11/30/22	7260	2	.	0	.	ID	NA	N	NA				

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1225 - Waco Lake
AU ID: 1225_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Toxic Substances in sediment	Hexachlorobenzene (HCB)	12/01/15	11/30/22	240	4	.	0	.	LD	NC	N	NC		
		delta-BHC	12/01/15	11/30/22	2300	3	.	0	.	ID	NA	N	NA		
		Trichloroethene	12/01/15	11/30/22	13690	2	.	0	.	ID	NA	N	NA		
		PCBs	12/01/15	11/30/22	676	4	.	0	.	LD	NC	N	NC		
		Chloromethane	12/01/15	11/30/22	106800	2	.	0	.	ID	NA	N	NA		
		2-Hexanone	12/01/15	11/30/22	28200	2	.	0	.	ID	NA	N	NA		
		1,2-Dichlorobenzene	12/01/15	11/30/22	4950	4	.	0	.	LD	NC	N	NC		
		DDT	12/01/15	11/30/22	62.9	3	.	0	.	ID	NA	N	NA		
		Fluoranthene	12/01/15	11/30/22	2230	4	.	0	.	LD	NC	N	NC		
		Bromodichloromethane	12/01/15	11/30/22	14740	2	.	0	.	ID	NA	N	NA		
		3-Methyl-4-chlorophenol	12/01/15	11/30/22	5620	4	.	0	.	LD	NC	N	NC		
		Phenol (single compound)	12/01/15	11/30/22	210	4	.	0	.	LD	NC	N	NC		
		Dimethyl phthalate	12/01/15	11/30/22	8900	4	.	0	.	LD	NC	N	NC		
		2-Methylnaphthalene	12/01/15	11/30/22	201	4	.	0	.	LD	NC	N	NC		
		Chloroform	12/01/15	11/30/22	5670	2	.	0	.	ID	NA	N	NA		
		Xylene	12/01/15	11/30/22	12010	2	.	0	.	ID	NA	N	NA		
		Di-n-butyl phthalate	12/01/15	11/30/22	80000	4	.	0	.	LD	NC	N	NC		
		Toxaphene	12/01/15	11/30/22	32	4	.	0	.	LD	NC	N	NC		
		Aldrin	12/01/15	11/30/22	80	3	.	0	.	ID	NA	N	NA		
		Acrylonitrile	12/01/15	11/30/22	1650	2	.	0	.	ID	NA	N	NA		
		Acenaphthylene	12/01/15	11/30/22	128	4	.	0	.	LD	NC	N	NC		
		Acenaphthene	12/01/15	11/30/22	88.9	4	.	0	.	LD	NC	N	NC		
		Styrene	12/01/15	11/30/22	61420	2	.	0	.	ID	NA	N	NA		
		1,4-Dichlorobenzene	12/01/15	11/30/22	4650	4	.	0	.	LD	NC	N	NC		
		Iron	12/01/15	11/30/22	40000	4	.	0	.	LD	NC	N	NC		
		Zinc	12/01/15	11/30/22	459	5	.	0	.	LD	NC	N	NC		
		Silver	12/01/15	11/30/22	1.7	5	.	0	.	LD	NC	N	NC		
		Nickel	12/01/15	11/30/22	48.6	5	.	0	.	LD	NC	N	NC		
		Mercury	12/01/15	11/30/22	1.06	4	.	0	.	LD	NC	N	NC		
		Manganese	12/01/15	11/30/22	1100	5	.	0	.	LD	NC	N	NC		
Lead	12/01/15	11/30/22	128	5	.	0	.	LD	NC	N	NC				
Copper	12/01/15	11/30/22	149	5	.	0	.	LD	NC	N	NC				
Chromium	12/01/15	11/30/22	111	5	.	0	.	LD	NC	N	NC				
Cadmium	12/01/15	11/30/22	4.98	5	.	0	.	LD	NC	N	NC				
Arsenic	12/01/15	11/30/22	33	5	.	0	.	LD	NC	N	NC				
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/15	11/30/22	332	10	2.38	0	.	AD	FS	N	FS		
		Mercury	12/01/15	11/30/22	0.01	9	0	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/15	11/30/22	1.15	9	0.16	0	.	LD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	60	63	19.97	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	60	60	15.14	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	71	218.58	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	23	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	23	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	23	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nickel (dissolved)	12/01/15	11/30/22	332	10	2.38	0	.	AD	FS	N	FS		
		Mercury	12/01/15	11/30/22	0.01	9	0	0	.	LD	NC	N	NC		
		Selenium	12/01/15	11/30/22	50	9	1	0	.	LD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	10	66	0.35	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	1.15	9	0.16	0	.	LD	NC	N	NC		
		Fluoride	12/01/15	11/30/22	4	63	0.16	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/15	11/30/22	5	9	0.15	0	.	LD	NC	N	NC		
Arsenic (dissolved)	12/01/15	11/30/22	10	10	2.69	0	.	AD	FS	N	FS				

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1225 - Waco Lake

AU ID: 1225_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	21	3.06	0	.	AD	FS	N	FS		

Seg ID: 1225 - Waco Lake

AU ID: 1225_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	24	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	24	.	3	4.66	AD	NC	N	NC			
	Toxic Substances in sediment	Acetone	Acetone	12/01/15	11/30/22	360180	2	.	0	.	ID	NA	N	NA		
		Di-n-butyl phthalate	Di-n-butyl phthalate	12/01/15	11/30/22	80000	4	.	0	.	LD	NC	N	NC		
		Toxaphene	Toxaphene	12/01/15	11/30/22	32	4	.	0	.	LD	NC	N	NC		
		Trichloroethene	Trichloroethene	12/01/15	11/30/22	13690	2	.	0	.	ID	NA	N	NA		
		Pyrene	Pyrene	12/01/15	11/30/22	1520	4	.	0	.	LD	NC	N	NC		
		PCBs	PCBs	12/01/15	11/30/22	676	4	.	0	.	LD	NC	N	NC		
		Hexachloroethane	Hexachloroethane	12/01/15	11/30/22	3945	4	.	0	.	LD	NC	N	NC		
		Dieldrin	Dieldrin	12/01/15	11/30/22	61.8	2	.	0	.	ID	NA	N	NA		
		Phenanthrene	Phenanthrene	12/01/15	11/30/22	1170	4	.	0	.	LD	NC	N	NC		
		Dibenz(a,h)anthracene	Dibenz(a,h)anthracene	12/01/15	11/30/22	135	4	.	0	.	LD	NC	N	NC		
		DDT	DDT	12/01/15	11/30/22	62.9	3	.	0	.	ID	NA	N	NA		
		DDD	DDD	12/01/15	11/30/22	28	2	.	0	.	ID	NA	N	NA		
		Acrylonitrile	Acrylonitrile	12/01/15	11/30/22	1650	2	.	0	.	ID	NA	N	NA		
		Acenaphthylene	Acenaphthylene	12/01/15	11/30/22	128	4	.	0	.	LD	NC	N	NC		
		Acenaphthene	Acenaphthene	12/01/15	11/30/22	88.9	4	.	0	.	LD	NC	N	NC		
		1,4-Dichlorobenzene	1,4-Dichlorobenzene	12/01/15	11/30/22	4650	4	.	0	.	LD	NC	N	NC		
		Iron	Iron	12/01/15	11/30/22	40000	4	.	0	.	LD	NC	N	NC		
		Zinc	Zinc	12/01/15	11/30/22	459	5	.	0	.	LD	NC	N	NC		
		Cadmium	Cadmium	12/01/15	11/30/22	4.98	5	.	0	.	LD	NC	N	NC		
		Arsenic	Arsenic	12/01/15	11/30/22	33	5	.	0	.	LD	NC	N	NC		
		gamma-BHC (Lindane)	gamma-BHC (Lindane)	12/01/15	11/30/22	4.99	2	.	0	.	ID	NA	N	NA		
		alpha-BHC	alpha-BHC	12/01/15	11/30/22	100	3	.	0	.	ID	NA	N	NA		
		Benzo(a)anthracene	Benzo(a)anthracene	12/01/15	11/30/22	1050	4	.	0	.	LD	NC	N	NC		
		1,3-Dichlorobenzene	1,3-Dichlorobenzene	12/01/15	11/30/22	350	4	.	0	.	LD	NC	N	NC		
		Hexachlorobutadiene (HCBd)	Hexachlorobutadiene (HCBd)	12/01/15	11/30/22	550	4	.	0	.	LD	NC	N	NC		
		Hexachlorobenzene (HCB)	Hexachlorobenzene (HCB)	12/01/15	11/30/22	240	4	.	0	.	LD	NC	N	NC		
		Heptachlor epoxide	Heptachlor epoxide	12/01/15	11/30/22	16	3	.	0	.	ID	NA	N	NA		
		Fluorene	Fluorene	12/01/15	11/30/22	536	4	.	0	.	LD	NC	N	NC		
		Fluoranthene	Fluoranthene	12/01/15	11/30/22	2230	4	.	0	.	LD	NC	N	NC		
		Chrysene	Chrysene	12/01/15	11/30/22	1290	4	.	0	.	LD	NC	N	NC		
		Chloromethane	Chloromethane	12/01/15	11/30/22	106800	2	.	0	.	ID	NA	N	NA		
		Chlordane	Chlordane	12/01/15	11/30/22	17.6	4	.	0	.	LD	NC	N	NC		
		Anthracene	Anthracene	12/01/15	11/30/22	845	4	.	0	.	LD	NC	N	NC		
		Aldrin	Aldrin	12/01/15	11/30/22	80	3	.	0	.	ID	NA	N	NA		
		Silver	Silver	12/01/15	11/30/22	1.7	5	.	0	.	LD	NC	N	NC		
		Mercury	Mercury	12/01/15	11/30/22	1.06	4	.	0	.	LD	NC	N	NC		
		Manganese	Manganese	12/01/15	11/30/22	1100	5	.	0	.	LD	NC	N	NC		
		Lead	Lead	12/01/15	11/30/22	128	5	.	0	.	LD	NC	N	NC		
	Nickel	Nickel	12/01/15	11/30/22	48.6	5	.	0	.	LD	NC	N	NC			
	Copper	Copper	12/01/15	11/30/22	149	5	.	0	.	LD	NC	N	NC			
Arachlor 1254	Arachlor 1254	12/01/15	11/30/22	340	4	.	0	.	LD	NC	N	NC				
Bromodichloromethane	Bromodichloromethane	12/01/15	11/30/22	14740	2	.	0	.	ID	NA	N	NA				
2-Methylnaphthalene	2-Methylnaphthalene	12/01/15	11/30/22	201	4	.	0	.	LD	NC	N	NC				
Benzo(a)pyrene	Benzo(a)pyrene	12/01/15	11/30/22	1450	4	.	0	.	LD	NC	N	NC				
Chloroform	Chloroform	12/01/15	11/30/22	5670	2	.	0	.	ID	NA	N	NA				
Vinyl chloride	Vinyl chloride	12/01/15	11/30/22	4180	2	.	0	.	ID	NA	N	NA				

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1225 - Waco Lake
AU ID: 1225_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	Toxic Substances in sediment	Tetrachloroethene	12/01/15	11/30/22	8210	2	.	0	.	ID	NA	N	NA		
		1,1,2,2-Tetrachloroethane	12/01/15	11/30/22	3800	2	.	0	.	ID	NA	N	NA		
		Styrene	12/01/15	11/30/22	61420	2	.	0	.	ID	NA	N	NA		
		Xylene	12/01/15	11/30/22	12010	2	.	0	.	ID	NA	N	NA		
		Nitrobenzene	12/01/15	11/30/22	6290	4	.	0	.	LD	NC	N	NC		
		Methylene chloride	12/01/15	11/30/22	46520	2	.	0	.	ID	NA	N	NA		
		1,2-Dichloroethene (trans)	12/01/15	11/30/22	71840	2	.	0	.	ID	NA	N	NA		
		1,1-Dichloroethane	12/01/15	11/30/22	13890	2	.	0	.	ID	NA	N	NA		
		Dichlorodifluoromethane	12/01/15	11/30/22	22090	2	.	0	.	ID	NA	N	NA		
		Chlorobenzene	12/01/15	11/30/22	3000	2	.	0	.	ID	NA	N	NA		
		beta-BHC	12/01/15	11/30/22	210	4	.	0	.	LD	NC	N	NC		
		Chromium	12/01/15	11/30/22	111	5	.	0	.	LD	NC	N	NC		
		Carbon tetrachloride	12/01/15	11/30/22	21000	2	.	0	.	ID	NA	N	NA		
		1,1,2-Trichloroethane	12/01/15	11/30/22	5880	2	.	0	.	ID	NA	N	NA		
		1,1,1-Trichloroethane	12/01/15	11/30/22	24790	2	.	0	.	ID	NA	N	NA		
		1,2,4-Trichlorobenzene	12/01/15	11/30/22	5310	4	.	0	.	LD	NC	N	NC		
		Bromoform	12/01/15	11/30/22	1310	2	.	0	.	ID	NA	N	NA		
		Toluene	12/01/15	11/30/22	20290	2	.	0	.	ID	NA	N	NA		
		Methyl bromide	12/01/15	11/30/22	460	2	.	0	.	ID	NA	N	NA		
		4-Methyl-2-Pentanone (MIBK)	12/01/15	11/30/22	116590	2	.	0	.	ID	NA	N	NA		
		DDE	12/01/15	11/30/22	31.3	3	.	0	.	ID	NA	N	NA		
		1,2-Dichloroethane	12/01/15	11/30/22	28680	2	.	0	.	ID	NA	N	NA		
		1,2-Dichloropropane	12/01/15	11/30/22	21120	2	.	0	.	ID	NA	N	NA		
		Carbon disulfide	12/01/15	11/30/22	780	2	.	0	.	ID	NA	N	NA		
		Endrin	12/01/15	11/30/22	207	3	.	0	.	ID	NA	N	NA		
		Naphthalene	12/01/15	11/30/22	561	4	.	0	.	LD	NC	N	NC		
		Benzene	12/01/15	11/30/22	2870	2	.	0	.	ID	NA	N	NA		
		Ethylbenzene	12/01/15	11/30/22	7880	2	.	0	.	ID	NA	N	NA		
		delta-BHC	12/01/15	11/30/22	2300	3	.	0	.	ID	NA	N	NA		
		3-Methyl-4-chlorophenol	12/01/15	11/30/22	5620	4	.	0	.	LD	NC	N	NC		
		Phenol (single compound)	12/01/15	11/30/22	210	4	.	0	.	LD	NC	N	NC		
		Dimethyl phthalate	12/01/15	11/30/22	8900	4	.	0	.	LD	NC	N	NC		
		Hexachlorocyclopentadiene	12/01/15	11/30/22	202	3	.	0	.	ID	NA	N	NA		
		1,1-Dichloroethylene	12/01/15	11/30/22	11200	2	.	0	.	ID	NA	N	NA		
		Dibromochloromethane	12/01/15	11/30/22	940	2	.	0	.	ID	NA	N	NA		
		tert-Butylbenzene	12/01/15	11/30/22	7260	2	.	0	.	ID	NA	N	NA		
		Methoxychlor	12/01/15	11/30/22	95	3	.	0	.	ID	NA	N	NA		
		Malathion	12/01/15	11/30/22	6.2	2	.	0	.	ID	NA	N	NA		
		Heptachlor	12/01/15	11/30/22	2.74	3	.	0	.	ID	NA	N	NA		
		1,2-Dichlorobenzene	12/01/15	11/30/22	4950	4	.	0	.	LD	NC	N	NC		
		Methyl ethyl ketone	12/01/15	11/30/22	154260	2	.	0	.	ID	NA	N	NA		
		Arachlor 1248	12/01/15	11/30/22	1500	4	.	0	.	LD	NC	N	NC		
Arachlor1260	12/01/15	11/30/22	240	4	.	0	.	LD	NC	N	NC				
Methyl methacrylate	12/01/15	11/30/22	56980	2	.	0	.	ID	NA	N	NA				
Arachlor 1016	12/01/15	11/30/22	530	4	.	0	.	LD	NC	N	NC				
Diethyl phthalate	12/01/15	11/30/22	11000	4	.	0	.	LD	NC	N	NC				
N-Butyl benzyl phthalate	12/01/15	11/30/22	150000	4	.	0	.	LD	NC	N	NC				
Di-n-octyl phthalate	12/01/15	11/30/22	1100	4	.	0	.	LD	NC	N	NC				
2,4-Dinitrotoluene	12/01/15	11/30/22	8020	4	.	0	.	LD	NC	N	NC				
Diazinon	12/01/15	11/30/22	7.3	2	.	0	.	ID	NA	N	NA				
n-Propylbenzene	12/01/15	11/30/22	4350	2	.	0	.	ID	NA	N	NA				
Pentachlorophenol (PCP)	12/01/15	11/30/22	1200	4	.	0	.	LD	NC	N	NC				
Endosulfan II (beta)	12/01/15	11/30/22	35	3	.	0	.	ID	NA	N	NA				
N-Butylbenzene	12/01/15	11/30/22	6570	2	.	0	.	ID	NA	N	NA				
2-Hexanone	12/01/15	11/30/22	28200	2	.	0	.	ID	NA	N	NA				
Bis(2-ethylhexyl)phthalate	12/01/15	11/30/22	22000	4	.	0	.	LD	NC	N	NC				

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1225 - Waco Lake
AU ID: 1225_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	Toxic Substances in sediment	Cumene	12/01/15	11/30/22	53950	2	.	0	.	ID	NA	N	NA			
		p-Cymene	12/01/15	11/30/22	5980	2	.	0	.	ID	NA	N	NA			
		Endosulfan I (alpha)	12/01/15	11/30/22	7.4	3	.	0	.	ID	NA	N	NA			
		sec-Butylbenzene	12/01/15	11/30/22	5280	2	.	0	.	ID	NA	N	NA			
		Parathion (ethyl)	12/01/15	11/30/22	3.7	1	.	0	.	ID	NA	N	NA			
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/15	11/30/22	332	10	2.38	0	.	AD	FS	N	FS			
		Mercury	12/01/15	11/30/22	0.01	9	0	0	.	LD	NC	N	NC			
		Lead (dissolved)	12/01/15	11/30/22	1.15	9	0.16	0	.	LD	NC	N	NC			
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	60	63	19.97	0	.	AD	FS	N	FS			
		Total dissolved solids	12/01/15	11/30/22	400	71	218.58	0	.	AD	FS	N	FS			
		Chloride	12/01/15	11/30/22	60	60	15.14	0	.	AD	FS	N	FS			
		High pH	pH	12/01/15	11/30/22	9	24	.	0	.	AD	FS	N	FS		
		Low pH	pH	12/01/15	11/30/22	6.5	24	.	0	.	AD	FS	N	FS		
		Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	24	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Selenium	12/01/15	11/30/22	50	9	1	0	.	LD	NC	N	NC			
		Nitrate	12/01/15	11/30/22	10	66	0.35	0	.	AD	FS	N	FS			
		Fluoride	12/01/15	11/30/22	4	63	0.16	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/15	11/30/22	5	9	0.15	0	.	LD	NC	N	NC			
		Arsenic (dissolved)	12/01/15	11/30/22	10	10	2.69	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/15	11/30/22	332	10	2.38	0	.	AD	FS	N	FS			
		Mercury	12/01/15	11/30/22	0.01	9	0	0	.	LD	NC	N	NC			
	Lead (dissolved)	12/01/15	11/30/22	1.15	9	0.16	0	.	LD	NC	N	NC				
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	21	5.42	0	.	AD	FS	N	FS			

**Seg ID: 1225A - Hog Creek
AU ID: 1225A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	24	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	24	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	23	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	23	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	22	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	24	.	1	2.24	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	22	38.39	0	.	AD	FS	N	FS		

**Seg ID: 1226 - North Bosque River
AU ID: 1226_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	178	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	178	.	2	4.05	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	41	4	55.75	.	.	TR	FS	N	NA		
	Habitat	Habitat	12/01/15	11/30/22	20	2	22.5	.	.	AD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1226 - North Bosque River
AU ID: 1226_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	29	2	37.44	.	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	88	31.29	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	87	33.96	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	540	623	363.71	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	178	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	178	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	183	.	41	36.6	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	186	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	186	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	176	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	178	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nickel (dissolved)	12/01/15	11/30/22	332	4	2.22	0	.	LD	NC	N	NC		
		Selenium	12/01/15	11/30/22	50	6	1.67	0	.	LD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	10	611	0.29	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	1.15	5	0.31	0	.	LD	NC	N	NC		
		Fluoride	12/01/15	11/30/22	4	19	0.23	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/15	11/30/22	5	5	0.32	0	.	LD	NC	N	NC		
		Arsenic (dissolved)	12/01/15	11/30/22	10	5	1.84	0	.	LD	NC	N	NC		
		Mercury	12/01/15	11/30/22	0.01	6	0	0	.	LD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	104	58.56	0	.	AD	FS	N	FS		

**Seg ID: 1226 - North Bosque River
AU ID: 1226_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	139	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	139	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	88	31.29	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	87	33.96	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	540	623	363.71	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	139	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	139	.	0	.	AD	FS	N	FS		
	Nutrient Enrichment	Algae	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Excessive algal growth in water	4a
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	152	.	41	32.95	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	154	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	155	.	0	.	AD	NC	N	NC		
Nitrate		12/01/15	11/30/22	1.95	145	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	139	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Cadmium (dissolved)	12/01/15	11/30/22	5	5	0.32	0	.	LD	NC	N	NC		
		Nickel (dissolved)	12/01/15	11/30/22	332	4	2.22	0	.	LD	NC	N	NC		
		Mercury	12/01/15	11/30/22	0.01	6	0	0	.	LD	NC	N	NC		
		Selenium	12/01/15	11/30/22	50	6	1.67	0	.	LD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	10	611	0.29	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	1.15	5	0.31	0	.	LD	NC	N	NC		
		Fluoride	12/01/15	11/30/22	4	19	0.23	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/15	11/30/22	10	5	1.84	0	.	LD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	77	26.93	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1226 - North Bosque River

AU ID: 1226_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	Mercury	12/01/15	11/30/22	2.4	6	.	0	.	TR	NC	N	NA		
		Chromium (Tri)(dissolved)	12/01/15	11/30/22	913.11	4	.	0	.	TR	NC	N	NA		
		Cadmium (dissolved)	12/01/15	11/30/22	15.02	5	.	0	.	TR	NC	N	NA		
		Arsenic (dissolved)	12/01/15	11/30/22	340	5	.	0	.	TR	NC	N	NA		
		Aluminum (dissolved)	12/01/15	11/30/22	991	5	.	0	.	TR	NC	N	NA		
		Copper (dissolved)	12/01/15	11/30/22	24.43	5	.	0	.	TR	NC	N	NA		
		Zinc (dissolved)	12/01/15	11/30/22	190.88	5	.	0	.	TR	NC	N	NA		
		Selenium	12/01/15	11/30/22	20	6	.	0	.	TR	NC	N	NA		
		Nickel (dissolved)	12/01/15	11/30/22	762.16	4	.	0	.	TR	NC	N	NA		
	Lead (dissolved)	12/01/15	11/30/22	120.16	5	.	0	.	TR	NC	N	NA			
	Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/15	11/30/22	0.34	5	0.12	0	.	TR	NC	N	NA		
		Nickel (dissolved)	12/01/15	11/30/22	77.4	4	2.22	0	.	TR	NC	N	NA		
		Mercury	12/01/15	11/30/22	1.3	6	0	0	.	TR	NC	N	NA		
		Lead (dissolved)	12/01/15	11/30/22	4.18	5	0.31	0	.	TR	NC	N	NA		
		Copper (dissolved)	12/01/15	11/30/22	14.15	5	0.92	0	.	TR	NC	N	NA		
		Chromium (Tri)(dissolved)	12/01/15	11/30/22	108.91	4	1.88	0	.	TR	NC	N	NA		
		Zinc (dissolved)	12/01/15	11/30/22	175.93	5	2	0	.	TR	NC	N	NA		
		Selenium	12/01/15	11/30/22	5	6	2.92	0	.	TR	NC	N	NA		
Dissolved Oxygen grab minimum Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	159	.	0	.	AD	FS	N	FS			
	Dissolved oxygen Grab	12/01/15	11/30/22	5	159	.	2	4.65	AD	NC	N	NC			
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/15	11/30/22	332	4	2.22	0	.	TR	NC	N	NA		
		Mercury	12/01/15	11/30/22	0.01	6	0	0	.	TR	NC	N	NA		
		Lead (dissolved)	12/01/15	11/30/22	1.15	5	0.31	0	.	TR	NC	N	NA		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	88	31.29	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	87	33.96	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	540	623	363.71	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	159	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	159	.	0	.	AD	FS	N	FS		
	Nutrient Enrichment	Algae	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Excessive algal growth in water	4a
		Chlorophyll-a	12/01/15	11/30/22	14.1	170	.	58	31.57	AD	CS	N	CS	Chlorophyll-a in water	
	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	170	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	172	.	0	.	AD	NC	N	NC		
Nitrate		12/01/15	11/30/22	1.95	160	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	159	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nickel (dissolved)	12/01/15	11/30/22	332	4	2.22	0	.	TR	NC	N	NA		
		Mercury	12/01/15	11/30/22	0.01	6	0	0	.	TR	NC	N	NA		
		Selenium	12/01/15	11/30/22	50	6	1.67	0	.	TR	NC	N	NA		
		Nitrate	12/01/15	11/30/22	10	611	0.29	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	1.15	5	0.31	0	.	TR	NC	N	NA		
		Fluoride	12/01/15	11/30/22	4	19	0.23	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/15	11/30/22	5	5	0.32	0	.	TR	NC	N	NA		
Arsenic (dissolved)	12/01/15	11/30/22	10	5	1.84	0	.	TR	NC	N	NA				
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	92	42.22	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1226 - North Bosque River
AU ID: 1226_04**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	136	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	136	.	1	4.4	AD	NC	N	NC		
	Macroinvertebrate community (Qualitative)	Macroinvertebrate community	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Impaired macroinvertebrate community in water	
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	88	31.29	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	87	33.96	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	540	623	363.71	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	136	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	136	.	0	.	AD	FS	N	FS		
	Nutrient Enrichment	Algae	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Excessive algal growth in water	4a
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	145	.	62	42.56	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	148	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	150	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	138	.	1	4.13	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	136	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nickel (dissolved)	12/01/15	11/30/22	332	4	2.22	0	.	LD	NC	N	NC		
		Mercury	12/01/15	11/30/22	0.01	6	0	0	.	LD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	10	611	0.29	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	1.15	5	0.31	0	.	LD	NC	N	NC		
		Fluoride	12/01/15	11/30/22	4	19	0.23	0	.	AD	FS	N	FS		
		Selenium	12/01/15	11/30/22	50	6	1.67	0	.	LD	NC	N	NC		
		Cadmium (dissolved)	12/01/15	11/30/22	5	5	0.32	0	.	LD	NC	N	NC		
		Arsenic (dissolved)	12/01/15	11/30/22	10	5	1.84	0	.	LD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	73	83.96	0	.	AD	FS	N	FS		

**Seg ID: 1226A - Duffau Creek
AU ID: 1226A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	21	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	21	.	3	4.47	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	22	.	5	29.06	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	22	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	21	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	23	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	21	99.94	0	.	AD	FS	N	FS		

**Seg ID: 1226B - Green Creek
AU ID: 1226B_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Continuous Dissolved Oxygen Daily 24hr Average	Continuous dissolved oxygen 24hr	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5c
	Continuous Dissolved Oxygen Daily 24hr Minimum	Continuous dissolved oxygen 24hr	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	125	.	2	1.1	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	125	.	5	2	AD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1226B - Green Creek

AU ID: 1226B_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	111	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	122	.	1	0.76	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	122	.	34	37.09	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	122	.	1	0.76	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	56	124.59	0	.	AD	FS	N	FS		

Seg ID: 1226C - Meridian Creek

AU ID: 1226C_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	26	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	25	50.11	0	.	AD	FS	N	FS		

Seg ID: 1226D - Neils Creek

AU ID: 1226D_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	59	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	59	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	64	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	64	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	63	.	2	22.9	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	64	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	30	89.94	0	.	AD	FS	N	FS		

Seg ID: 1226E - Indian Creek

AU ID: 1226E_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water	

Seg ID: 1226F - Sims Creek

AU ID: 1226F_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	1.5	20	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	2	20	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	19	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	19	.	2	18.2	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	18	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	20	.	6	2.87	AD	CS	N	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	630	20	403.83	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1226G - Spring Creek
AU ID: 1226G_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Bacteria in water	5b

**Seg ID: 1226H - Alarm Creek
AU ID: 1226H_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water	

**Seg ID: 1226K - Little Duffau Creek
AU ID: 1226K_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Total Phosphorus in water	
		Nitrate	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Bacteria in water	5c

**Seg ID: 1226O - Sims Creek Reservoir
AU ID: 1226O_01**

Use	Method	Parameter	Start Date	End 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	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	

**Seg ID: 1227 - Nolan River
AU ID: 1227_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	27	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	54	161.75	1	.	AD	NS	N	NS	Sulfate in water	5b
		Chloride	12/01/15	11/30/22	75	52	88.44	1	.	AD	NS	N	NS	Chloride in water	5b
		Total dissolved solids	12/01/15	11/30/22	500	56	596.55	1	.	AD	NS	N	NS	Total dissolved solids in water	5b
	High pH	pH	12/01/15	11/30/22	9	27	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	27	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	26	.	5	30.3	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	25	.	4	1.29	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	26	.	4	1.17	AD	NC	N	NC		
Nitrate		12/01/15	11/30/22	1.95	26	.	7	3.34	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/15	11/30/22	35	27	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	229.77	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 1227 - Nolan River
AU ID: 1227_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	28	.	4	3.55	AD	CS	N	CS	Depressed dissolved oxygen in water	

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1227 - Nolan River
AU ID: 1227_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	Chloride	12/01/15	11/30/22	75	52	88.44	1	.	AD	NS	N	NS	Chloride in water	5b
		Total dissolved solids	12/01/15	11/30/22	500	56	596.55	1	.	AD	NS	N	NS	Total dissolved solids in water	5b
		Sulfate	12/01/15	11/30/22	75	54	161.75	1	.	AD	NS	N	NS	Sulfate in water	5b
	High pH	pH	12/01/15	11/30/22	9	28	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	28	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	26	.	10	4.84	AD	CS	N	CS	Nitrate in water	
		Total phosphorus	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Total Phosphorus in water	
		Chlorophyll-a	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water	
Water Temperature	Water temperature	12/01/15	11/30/22	35	28	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	161.07	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 1227A - Buffalo Creek
AU ID: 1227A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Total Phosphorus in water	
		Nitrate	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

**Seg ID: 1228 - Lake Pat Cleburne
AU ID: 1228_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	29	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	29	.	1	3.69	AD	NC	N	NC		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/01/15	11/30/22	0.03	2	.	0	.	ID	NA	N	NA		
		Chlordane	12/01/15	11/30/22	0.16	2	.	0	.	ID	NA	N	NA		
		Aldrin	12/01/15	11/30/22	0	2	.	0	.	ID	NA	N	NA		
		Selenium	12/01/15	11/30/22	4.38	2	.	0	.	ID	NA	N	NA		
		Mercury	12/01/15	11/30/22	0.53	2	.	0	.	ID	NA	N	NA		
		Methoxychlor	12/01/15	11/30/22	8.75	2	.	0	.	ID	NA	N	NA		
		Heptachlor epoxide	12/01/15	11/30/22	0.01	2	.	0	.	ID	NA	N	NA		
		Heptachlor	12/01/15	11/30/22	0.01	2	.	0	.	ID	NA	N	NA		
		Dieldrin	12/01/15	11/30/22	0	2	.	0	.	ID	NA	N	NA		
		DDT	12/01/15	11/30/22	0.16	2	.	0	.	ID	NA	N	NA		
		DDD	12/01/15	11/30/22	0.23	2	.	0	.	ID	NA	N	NA		
		Copper	12/01/15	11/30/22	250.5	2	.	0	.	ID	NA	N	NA		
		Chromium	12/01/15	11/30/22	5.25	2	.	0	.	ID	NA	N	NA		
		Cadmium	12/01/15	11/30/22	0.18	2	.	1	0.21	ID	NA	N	NA		
		Arsenic	12/01/15	11/30/22	0.04	2	.	0	.	ID	NA	N	NA		
		Lead	12/01/15	11/30/22	0.6	2	.	0	.	ID	NA	N	NA		
		Endosulfan sulfate	12/01/15	11/30/22	3.5	2	.	0	.	ID	NA	N	NA		
		Endosulfan II (beta)	12/01/15	11/30/22	3.5	2	.	0	.	ID	NA	N	NA		
		Endosulfan I (alpha)	12/01/15	11/30/22	3.5	2	.	0	.	ID	NA	N	NA		
		Endrin	12/01/15	11/30/22	0.53	2	.	0	.	ID	NA	N	NA		
Toxaphene	12/01/15	11/30/22	0.05	1	.	0	.	ID	NA	N	NA				
gamma-BHC (Lindane)	12/01/15	11/30/22	0.53	2	.	0	.	ID	NA	N	NA				
PCBs	12/01/15	11/30/22	0.03	2	.	0	.	ID	NA	N	NA				

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1228 - Lake Pat Cleburne
AU ID: 1228_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	28	14.68	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	27	15.91	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	300	29	187.18	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	29	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	29	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	29	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	27	0.1	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	27	0.17	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	25	4.11	0	.	AD	FS	N	FS		

**Seg ID: 1229 - Paluxy River /North Paluxy River
AU ID: 1229_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	28	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	54	42.41	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	54	25.6	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	54	383.64	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	28	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	28	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	2	.	0	.	ID	NA	N	NA		
		Nitrate	12/01/15	11/30/22	1.95	26	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	28	.	1	33.5	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	52	0.11	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	27	0.26	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	51.18	0	.	AD	FS	N	FS		

**Seg ID: 1229 - Paluxy River /North Paluxy River
AU ID: 1229_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	27	.	1	3.6	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	54	42.41	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	54	25.6	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	54	383.64	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	26	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	25	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	25	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	25	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	26	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	27	.	0	.	AD	FS	N	FS			

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1229 - Paluxy River /North Paluxy River
AU ID: 1229_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	52	0.11	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	27	0.26	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	25	43.89	0	.	AD	FS	N	FS		

**Seg ID: 1229 - Paluxy River /North Paluxy River
AU ID: 1229_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	12/01/15	11/30/22	500	54	383.64	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	100	54	42.41	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	54	25.6	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	27	0.26	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	52	0.11	0	.	AD	FS	N	FS		

**Seg ID: 1230 - Lake Palo Pinto
AU ID: 1230_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	17	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	17	.	1	3.4	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	15	39.47	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	15	39.43	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	450	17	293.26	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	17	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	17	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	26.7	16	.	0	.	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	16	.	0	.	JQ	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.11	16	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	15	.	0	.	JQ	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	17	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	15	0.12	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	14	0.13	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	15	1.33	0	.	LD	NC	N	NC		

**Seg ID: 1231 - Lake Graham
AU ID: 1231_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	16	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	16	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	16	21.29	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	200	16	75.52	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	16	319.64	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	16	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	16	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5c
	Water Temperature	Water temperature	12/01/15	11/30/22	35	16	.	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1231 - Lake Graham

AU ID: 1231_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	16	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	16	0.17	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	15	1.75	0	.	LD	NC	N	NC		

Seg ID: 1232 - Clear Fork Brazos River

AU ID: 1232_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	1250	128	751.62	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	2200	127	1028.93	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	4900	146	2615.32	0	.	AD	FS	N	FS		

Seg ID: 1232 - Clear Fork Brazos River

AU ID: 1232_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	79	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	79	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	1250	128	751.62	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	4900	146	2615.32	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	2200	127	1028.93	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	79	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	79	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	75	.	53	57.22	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	80	.	5	0.9	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	74	.	2	0.65	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	80	.	17	4.01	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	79	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	73	34.58	0	.	AD	FS	N	FS		

Seg ID: 1232 - Clear Fork Brazos River

AU ID: 1232_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	27	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	2200	127	1028.93	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	1250	128	751.62	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	4900	146	2615.32	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	27	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	27	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	25	.	13	48.32	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	27	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	25	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	26	.	4	2.56	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	27	.	0	.	AD	FS	N	FS			

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1232 - Clear Fork Brazos River

AU ID: 1232_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	24	66.17	0	.	AD	FS	N	FS		

Seg ID: 1232 - Clear Fork Brazos River

AU ID: 1232_04

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	38	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	38	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	2200	127	1028.93	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	1250	128	751.62	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	4900	146	2615.32	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	38	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	38	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	35	.	29	70.23	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	37	.	2	1.03	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	36	.	1	0.49	AD	NC	N	NC		
	Nitrate	12/01/15	11/30/22	1.95	36	.	17	7.16	AD	CS	N	CS	Nitrate in water		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	38	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	34	387.79	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 1232A - California Creek

AU ID: 1232A_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	5	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	5	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	30	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	30	.	2	4.8	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	41	4	37.43	.	.	TR	NS	Y	NS	Impaired fish community in water	5c
	Habitat	Habitat	12/01/15	11/30/22	20	4	23	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	29	4	28.09	.	.	TR	NS	Y	CN	Impaired macrobenthic community in water	
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	26	.	23	126.08	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	29	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	27	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	29	.	12	3.03	AD	CS	N	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	27	155.95	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 1232B - Deadman Creek

AU ID: 1232B_01

Use	Method	Parameter	Start 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)	12/01/15	11/30/22	26.16	23	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/15	11/30/22	309.85	24	.	0	.	AD	FS	N	FS		
		Selenium	12/01/15	11/30/22	20	22	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/15	11/30/22	1236.28	24	.	0	.	AD	FS	N	FS		
		Mercury	12/01/15	11/30/22	2.4	18	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/15	11/30/22	991	23	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	219.5	22	.	0	.	AD	FS	N	FS		
	Copper (dissolved)	12/01/15	11/30/22	41.87	22	.	0	.	AD	FS	N	FS			

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1232B - Deadman Creek
AU ID: 1232B_01**

Use	Method	Parameter	Start 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)	12/01/15	11/30/22	1458.44	24	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/15	11/30/22	340	22	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/15	11/30/22	0.84	23	0.21	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/15	11/30/22	526.96	24	11.09	0	.	AD	FS	N	FS		
		Selenium	12/01/15	11/30/22	5	22	1.86	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/15	11/30/22	150	22	2.38	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/15	11/30/22	231.44	24	2.7	0	.	AD	FS	N	FS		
		Mercury	12/01/15	11/30/22	1.3	18	0	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	16.06	22	0.32	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/15	11/30/22	42.78	22	1.85	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/15	11/30/22	314.48	24	1.83	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	0	.	AD	FS	N	FS	
Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	28	.	0	.	AD	NC	N	NC			
Fish Consumption Use	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/15	11/30/22	38.3	22	0.32	0	.	AD	FS	N	FS		
		Mercury	12/01/15	11/30/22	0.12	18	0	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/15	11/30/22	11400	24	2.7	0	.	AD	FS	N	FS		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	24	.	2	18.15	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	27	.	15	1.61	AD	CS	N	CS	Total Phosphorus in water	
		Ammonia	12/01/15	11/30/22	0.33	26	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	27	.	27	10.6	AD	CS	N	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	25	49.4	0	.	AD	FS	N	FS		

**Seg ID: 1232B - Deadman Creek
AU ID: 1232B_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	Lead (dissolved)	12/01/15	11/30/22	38.3	22	0.32	0	.	AD	FS	N	FS		
		Mercury	12/01/15	11/30/22	0.12	18	0	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/15	11/30/22	11400	24	2.7	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

**Seg ID: 1232D - Lake Daniel
AU ID: 1232D_01**

Use	Method	Parameter	Start 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	Arsenic (dissolved)	12/01/15	11/30/22	340	4	.	0	.	LD	NC	N	NC		
		Zinc (dissolved)	12/01/15	11/30/22	172.55	5	.	0	.	LD	NC	N	NC		
		Selenium	12/01/15	11/30/22	20	3	.	0	.	ID	NA	N	NA		
		Nickel (dissolved)	12/01/15	11/30/22	689.06	4	.	0	.	LD	NC	N	NC		
		Mercury	12/01/15	11/30/22	2.4	4	.	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/15	11/30/22	105.79	4	.	0	.	LD	NC	N	NC		
		Copper (dissolved)	12/01/15	11/30/22	21.84	4	.	0	.	LD	NC	N	NC		
		Chromium (Tri)(dissolved)	12/01/15	11/30/22	828.2	5	.	0	.	LD	NC	N	NC		
		Cadmium (dissolved)	12/01/15	11/30/22	13.38	4	.	0	.	LD	NC	N	NC		
		Aluminum (dissolved)	12/01/15	11/30/22	991	5	.	0	.	LD	NC	N	NC		
	Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/15	11/30/22	0.84	4	0.23	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/15	11/30/22	16.06	4	0.18	0	.	LD	NC	N	NC		
		Copper (dissolved)	12/01/15	11/30/22	42.78	4	1.36	0	.	LD	NC	N	NC		
		Chromium (Tri)(dissolved)	12/01/15	11/30/22	314.48	5	2	0	.	LD	NC	N	NC		
		Arsenic (dissolved)	12/01/15	11/30/22	150	4	4.38	0	.	LD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1232D - Lake Daniel
AU ID: 1232D_01**

Use	Method	Parameter	Start 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	Mercury	12/01/15	11/30/22	1.3	4	0	0	.	LD	NC	N	NC		
		Zinc (dissolved)	12/01/15	11/30/22	526.96	5	3.29	0	.	LD	NC	N	NC		
		Selenium	12/01/15	11/30/22	5	3	1	0	.	ID	NA	N	NA		
		Nickel (dissolved)	12/01/15	11/30/22	231.44	4	3.2	0	.	LD	NC	N	NC		
		Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	22	.	0	.	AD	FS	N	FS	
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	22	.	1	4.65	AD	NC	N	NC		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/15	11/30/22	332	4	3.2	0	.	LD	NC	N	NC		
		Mercury	12/01/15	11/30/22	0.01	4	0	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/15	11/30/22	1.15	4	0.18	0	.	LD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	26.7	20	.	3	33.9	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	21	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	22	.	1	0.38	JQ	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.11	21	.	0	.	JQ	NA	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Selenium	12/01/15	11/30/22	50	3	1.83	0	.	ID	NA	N	NA		
		Nitrate	12/01/15	11/30/22	10	22	0.07	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	1.15	4	0.18	0	.	LD	NC	N	NC		
		Fluoride	12/01/15	11/30/22	4	21	0.12	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/15	11/30/22	5	4	0.25	0	.	LD	NC	N	NC		
		Arsenic (dissolved)	12/01/15	11/30/22	10	4	2.5	0	.	LD	NC	N	NC		
		Mercury	12/01/15	11/30/22	0.01	4	0	0	.	LD	NC	N	NC		
	Nickel (dissolved)	12/01/15	11/30/22	332	4	3.2	0	.	LD	NC	N	NC			
Recreation Use	Bacteria Geomean	E. coli	10/05/15	11/30/22	126	20	1.67	0	.	AD	FS	N	FS		

**Seg ID: 1233 - Hubbard Creek Reservoir
AU ID: 1233_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	20	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	20	.	2	4.64	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	150	19	40.73	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	350	19	101.73	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	900	20	431.83	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	20	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	20	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	20	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	19	0.04	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	19	0.16	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	06/24/14	11/30/22	126	20	0.84	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1233 - Hubbard Creek Reservoir AU ID: 1233_02															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	900	20	431.83	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	150	19	40.73	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	350	19	101.73	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	19	0.16	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	19	0.04	0	.	AD	FS	N	FS		

Seg ID: 1233 - Hubbard Creek Reservoir AU ID: 1233_03															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	350	19	101.73	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	150	19	40.73	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	900	20	431.83	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	19	0.16	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	19	0.04	0	.	AD	FS	N	FS		

Seg ID: 1233A - Big Sandy Creek AU ID: 1233A_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	26	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	26	.	14	33.27	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	28	.	1	1.96	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	27	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	24	58.61	0	.	AD	FS	N	FS		

Seg ID: 1234 - Lake Cisco AU ID: 1234_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	19	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	19	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	18	37.03	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	75	18	15.34	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	350	19	211.35	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	19	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	19	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	19	.	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1234 - Lake Cisco

AU ID: 1234_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	19	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	18	0.16	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	01/14/15	11/30/22	126	20	1.58	0	.	AD	FS	N	FS		

Seg ID: 1235 - Lake Stamford

AU ID: 1235_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	17	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	17	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	400	17	89.09	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	580	17	125.18	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	2100	17	573.34	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	17	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	17	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	17	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	17	0.08	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	17	0.21	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	08/21/13	11/30/22	126	20	3.07	0	.	AD	FS	N	FS		

Seg ID: 1236 - Fort Phantom Hill Reservoir

AU ID: 1236_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	23	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	23	.	1	4.66	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	150	23	38.86	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	130	22	74.89	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	550	23	389.32	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	23	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	23	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	0.37	23	.	1	0.39	JQ	NA	N	NA		
		Chlorophyll-a	12/01/15	11/30/22	26.7	22	.	6	38.15	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	23	.	0	.	JQ	NA	N	NA		
Ammonia		12/01/15	11/30/22	0.11	23	.	0	.	JQ	NA	N	NA			
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	23	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	23	0.06	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	22	0.19	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	20	1.76	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1236B - Kirby Lake
AU ID: 1236B_01**

Use	Method	Parameter	Start 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	Arsenic (dissolved)	12/01/15	11/30/22	340	14	.	0	.	AD	FS	N	FS		
		Mercury	12/01/15	11/30/22	2.4	13	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	142.57	13	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/15	11/30/22	28.43	14	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/15	11/30/22	1041.59	14	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/15	11/30/22	17.55	14	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/15	11/30/22	218.73	14	.	0	.	AD	FS	N	FS		
		Selenium	12/01/15	11/30/22	20	14	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/15	11/30/22	873.18	14	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/15	11/30/22	0.34	14	0.09	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/15	11/30/22	175.93	14	2.04	0	.	AD	FS	N	FS		
		Selenium	12/01/15	11/30/22	5	14	1.95	0	.	AD	FS	N	FS		
		Mercury	12/01/15	11/30/22	1.3	13	0	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	4.18	13	0.19	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/15	11/30/22	14.15	14	0.83	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/15	11/30/22	77.4	14	2.56	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab	Dissolved oxygen Grab	12/01/15	11/30/22	3	17	.	0	.	AD	FS	N	FS		
		Dissolved oxygen Grab screening level	12/01/15	11/30/22	5	17	.	1	4.28	AD	NC	N	NC		
	Fish Consumption Use	HH Bioaccumulative Toxics in water	Mercury	12/01/15	11/30/22	0.01	13	0	0	.	AD	FS	N	FS	
Lead (dissolved)			12/01/15	11/30/22	3.83	13	0.19	0	.	AD	FS	N	FS		
Nickel (dissolved)			12/01/15	11/30/22	1140	14	2.56	0	.	AD	FS	N	FS		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	26.7	15	.	15	118.7	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	17	.	5	0.26	JQ	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.11	16	.	4	0.21	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	17	.	3	0.92	JQ	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	02/13/13	11/30/22	126	20	5.51	0	.	AD	FS	N	FS		

**Seg ID: 1237 - Lake Sweetwater
AU ID: 1237_01**

Use	Method	Parameter	Start 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)	12/01/15	11/30/22	3834.53	6	.	0	.	LD	NC	N	NC		
		Zinc (dissolved)	12/01/15	11/30/22	842.33	6	.	0	.	LD	NC	N	NC		
		Selenium	12/01/15	11/30/22	20	7	.	0	.	LD	NC	N	NC		
		Cadmium (dissolved)	12/01/15	11/30/22	82.05	6	.	0	.	LD	NC	N	NC		
		Arsenic (dissolved)	12/01/15	11/30/22	340	6	.	0	.	LD	NC	N	NC		
		Aluminum (dissolved)	12/01/15	11/30/22	991	6	.	0	.	LD	NC	N	NC		
		Nickel (dissolved)	12/01/15	11/30/22	3355.67	6	.	0	.	LD	NC	N	NC		
		Mercury	12/01/15	11/30/22	2.4	4	.	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/15	11/30/22	624.42	5	.	0	.	LD	NC	N	NC		
	Chronic Toxic Substances in water	Copper (dissolved)	12/01/15	11/30/22	127.33	6	.	0	.	LD	NC	N	NC		
		Cadmium (dissolved)	12/01/15	11/30/22	0.28	6	0.11	0	.	LD	NC	N	NC		
		Copper (dissolved)	12/01/15	11/30/22	11.07	6	1.9	0	.	LD	NC	N	NC		
		Chromium (Tri)(dissolved)	12/01/15	11/30/22	86.05	6	1.96	0	.	LD	NC	N	NC		
		Arsenic (dissolved)	12/01/15	11/30/22	150	6	6.27	0	.	LD	NC	N	NC		
		Zinc (dissolved)	12/01/15	11/30/22	137.87	6	2.61	0	.	LD	NC	N	NC		
		Selenium	12/01/15	11/30/22	5	7	2	0	.	LD	NC	N	NC		
		Nickel (dissolved)	12/01/15	11/30/22	60.68	6	2.55	0	.	LD	NC	N	NC		
Mercury	12/01/15	11/30/22	1.3	4	0	0	.	LD	NC	N	NC				

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1237 - Lake Sweetwater
AU ID: 1237_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Chronic Toxic Substances in water	Lead (dissolved)	12/01/15	11/30/22	3.07	5	0.36	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	22	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	22	.	0	.	AD	NC	N	NC		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/15	11/30/22	332	6	2.55	0	.	LD	NC	N	NC		
		Mercury	12/01/15	11/30/22	0.01	4	0	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/15	11/30/22	1.15	5	0.36	0	.	LD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	250	18	344.44	1	.	AD	NS	N	NS	Chloride in water	5c
		Total dissolved solids	12/01/15	11/30/22	730	20	1341.93	1	.	AD	NS	N	NS	Total dissolved solids in water	5c
		Sulfate	12/01/15	11/30/22	225	19	317.42	1	.	AD	NS	N	NS	Sulfate in water	5c
	High pH	pH	12/01/15	11/30/22	9	22	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	22	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	22	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Mercury	12/01/15	11/30/22	0.01	4	0	0	.	LD	NC	N	NC		
		Selenium	12/01/15	11/30/22	50	7	1.29	0	.	LD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	10	22	0.05	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	21	0.37	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	1.15	5	0.36	0	.	LD	NC	N	NC		
		Cadmium (dissolved)	12/01/15	11/30/22	5	6	0.35	0	.	LD	NC	N	NC		
		Arsenic (dissolved)	12/01/15	11/30/22	10	6	5.02	0	.	LD	NC	N	NC		
Nickel (dissolved)	12/01/15	11/30/22	332	6	2.55	0	.	LD	NC	N	NC				
Recreation Use	Bacteria Geomean	E. coli	08/12/15	11/30/22	126	20	2.49	0	.	AD	FS	N	FS		

**Seg ID: 1238 - Salt Fork Brazos River
AU ID: 1238_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	27	.	2	4.9	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	4000	52	2957.63	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	23000	52	23273.94	1	.	AD	NS	N	NS	Chloride in water	5c
		Total dissolved solids	12/01/15	11/30/22	40000	55	36108.09	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	27	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	27	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	26	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	26	.	5	0.51	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	28	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	26	.	2	25.55	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	27	.	3	35.6	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	Enterococcus	12/01/15	11/30/22	33	23	26.29	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1238 - Salt Fork Brazos River

AU ID: 1238_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	12/01/15	11/30/22	4000	52	2957.63	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	23000	52	23273.94	1	.	AD	NS	N	NS	Chloride in water	5c
		Total dissolved solids	12/01/15	11/30/22	40000	55	36108.09	0	.	AD	FS	N	FS		

Seg ID: 1238 - Salt Fork Brazos River

AU ID: 1238_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	28	.	1	4.3	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	40000	55	36108.09	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	4000	52	2957.63	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	23000	52	23273.94	1	.	AD	NS	N	NS	Chloride in water	5c
	High pH	pH	12/01/15	11/30/22	9	28	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	28	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	27	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	26	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	27	.	5	23.98	AD	NC	N	NC		
	Total phosphorus	12/01/15	11/30/22	0.69	28	.	1	2.92	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	28	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	Enterococcus	12/01/15	11/30/22	33	27	84.63	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 1238A - Croton Creek

AU ID: 1238A_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

Seg ID: 1238B - Duck Creek

AU ID: 1238B_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	26	.	1	2	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	23	.	4	42.03	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	26	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	26	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	25	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	Enterococcus	12/01/15	11/30/22	33	25	166.68	1	.	AD	NS	N	NS	Bacteria in water	5b

Seg ID: 1240 - White River Lake

AU ID: 1240_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	29	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	29	.	0	.	AD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1240 - White River Lake
AU ID: 1240_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	28	67.06	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	150	28	181.87	1	.	AD	NS	N	NS	Chloride in water	5b
		Total dissolved solids	12/01/15	11/30/22	650	29	787.91	1	.	AD	NS	N	NS	Total dissolved solids in water	5b
	High pH	pH	12/01/15	11/30/22	9	29	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	29	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/15	11/30/22	31.7	29	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	28	0.05	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	28	1.68	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	27	1.61	0	.	AD	FS	N	FS		

**Seg ID: 1241 - Double Mountain Fork Brazos River
AU ID: 1241_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	28	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	2400	27	878.59	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	2500	27	1073.41	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	5500	28	3054.77	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	28	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	28	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	25	.	16	40.17	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	28	.	3	3.03	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	26	.	1	0.6	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	27	.	1	2.24	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	28	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	Enterococcus	12/01/15	11/30/22	33	25	68.49	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 1241 - Double Mountain Fork Brazos River
AU ID: 1241_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	Chloride	12/01/15	11/30/22	2500	27	1073.41	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	2400	27	878.59	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	5500	28	3054.77	0	.	AD	FS	N	FS		

**Seg ID: 1241A - North Fork Double Mountain Fork Brazos River
AU ID: 1241A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	85	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	85	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	82	.	30	3.37	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/15	11/30/22	14.1	71	.	57	59.96	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	79	.	5	3.14	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	73	.	6	0.5	AD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1241A - North Fork Double Mountain Fork Brazos River
AU ID: 1241A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	76	137.99	1	.	AD	CN	N	CN	Bacteria in water	

**Seg ID: 1241A - North Fork Double Mountain Fork Brazos River
AU ID: 1241A_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	29	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	29	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	24	.	12	1.59	AD	CS	N	CS	Ammonia in water	
		Chlorophyll-a	12/01/15	11/30/22	14.1	24	.	20	43.78	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	26	.	2	0.9	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	28	.	18	5.83	AD	CS	N	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	25	306.01	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 1241B - Lake Alan Henry
AU ID: 1241B_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	17	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	17	.	0	.	AD	NC	N	NC		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.11	14	.	0	.	JQ	NA	N	NA		
		Chlorophyll-a	12/01/15	11/30/22	26.7	12	.	0	.	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	14	.	1	1.3	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	15	.	0	.	JQ	NA	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	15	0.03	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	16	1.07	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	01/30/13	11/30/22	126	20	0.86	0	.	AD	FS	N	FS		

**Seg ID: 1241C - Buffalo Springs Lake
AU ID: 1241C_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	17	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	17	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.11	14	.	3	0.28	JQ	NA	N	NA		
		Chlorophyll-a	12/01/15	11/30/22	26.7	13	.	10	73.47	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	15	.	1	0.21	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	16	.	8	1.27	JQ	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	01/30/13	11/30/22	126	20	1.54	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1242 - Brazos River Above Navasota River

AU ID: 1242_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	9	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	9	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	87	.	2	2.75	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	87	.	2	2.75	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	200	347	77.75	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	350	348	119.07	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	1000	371	522.32	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	88	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	88	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	87	.	66	76.57	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	88	.	4	0.93	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	86	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	83	.	6	2.37	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	88	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	335	0.85	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	45	0.22	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	76	66.43	0	.	AD	FS	N	FS		

Seg ID: 1242 - Brazos River Above Navasota River

AU ID: 1242_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	12	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	12	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	88	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	88	.	0	.	SM	NC	N	NA		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	200	347	77.75	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	350	348	119.07	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	1000	371	522.32	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	88	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	88	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	91	.	66	58	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	88	.	8	1.13	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	88	.	1	0.37	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	86	.	17	2.7	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	88	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	45	0.22	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	335	0.85	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	77	64.86	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1242 - Brazos River Above Navasota River															
AU ID: 1242_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	Sulfate	12/01/15	11/30/22	200	347	77.75	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	350	348	119.07	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	1000	371	522.32	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	45	0.22	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	335	0.85	0	.	AD	FS	N	FS		

Seg ID: 1242 - Brazos River Above Navasota River															
AU ID: 1242_04															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	71	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	71	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	200	347	77.75	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	350	348	119.07	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	1000	371	522.32	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	71	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	71	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	76	.	60	64.75	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	75	.	1	0.94	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	75	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	72	.	4	2.64	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	71	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	335	0.85	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	45	0.22	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	75	63.61	0	.	AD	FS	N	FS		

Seg ID: 1242 - Brazos River Above Navasota River															
AU ID: 1242_05															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	22	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	22	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	200	347	77.75	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	350	348	119.07	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	1000	371	522.32	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	22	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	22	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	18	.	10	33.75	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	22	.	2	1.06	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	21	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	20	.	8	3.3	AD	CS	N	CS	Nitrate in water	
Water Temperature	Water temperature	12/01/15	11/30/22	35	22	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	335	0.85	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	45	0.22	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	05/18/15	11/30/22	126	20	40.99	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1242 - Brazos River Above Navasota River

AU ID: 1242_06

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	70	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	70	.	1	3.2	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	1000	371	522.32	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	350	348	119.07	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	200	347	77.75	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	70	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	70	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	78	.	35	26.48	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	77	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	77	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	74	.	2	2.93	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	70	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	335	0.85	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	45	0.22	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	77	132.11	1	.	AD	CN	N	CN	Bacteria in water	

Seg ID: 1242A - Marlin City Lake System

AU ID: 1242A_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)	12/01/15	11/30/22	129.78	9	.	0	.	LD	NC	N	NC			
		Selenium	12/01/15	11/30/22	20	8	.	0	.	LD	NC	N	NC			
		Nickel (dissolved)	12/01/15	11/30/22	518.5	9	.	0	.	LD	NC	N	NC			
		Mercury	12/01/15	11/30/22	2.4	8	.	0	.	LD	NC	N	NC			
		Lead (dissolved)	12/01/15	11/30/22	73.62	9	.	0	.	LD	NC	N	NC			
		Copper (dissolved)	12/01/15	11/30/22	15.91	8	.	0	.	LD	NC	N	NC			
		Chromium (Tri)(dissolved)	12/01/15	11/30/22	628.88	8	.	0	.	LD	NC	N	NC			
		Cadmium (dissolved)	12/01/15	11/30/22	9.65	9	.	0	.	LD	NC	N	NC			
		Arsenic (dissolved)	12/01/15	11/30/22	340	9	.	0	.	LD	NC	N	NC			
	Chronic Toxic Substances in water	Aluminum (dissolved)	12/01/15	11/30/22	991	9	.	0	.	LD	NC	N	NC			
		Zinc (dissolved)	12/01/15	11/30/22	231.31	9	2	0	.	LD	NC	N	NC			
		Selenium	12/01/15	11/30/22	5	8	1.91	0	.	LD	NC	N	NC			
		Nickel (dissolved)	12/01/15	11/30/22	101.72	9	2.22	0	.	LD	NC	N	NC			
		Mercury	12/01/15	11/30/22	1.3	8	0	0	.	LD	NC	N	NC			
		Lead (dissolved)	12/01/15	11/30/22	5.9	9	0.18	0	.	LD	NC	N	NC			
		Copper (dissolved)	12/01/15	11/30/22	18.65	8	0.86	0	.	LD	NC	N	NC			
		Chromium (Tri)(dissolved)	12/01/15	11/30/22	141.89	8	1.81	0	.	LD	NC	N	NC			
		Arsenic (dissolved)	12/01/15	11/30/22	150	9	2.77	0	.	LD	NC	N	NC			
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	23	.	1	1.83	AD	FS	N	FS			
		Dissolved oxygen Grab	12/01/15	11/30/22	5	23	.	3	3.5	AD	NC	N	NC			
	Dissolved Oxygen grab screening level	Toxic Substances in sediment	Toluene	12/01/15	11/30/22	20290	6	.	0	.	LD	NC	N	NC		
			Methyl bromide	12/01/15	11/30/22	460	2	.	0	.	ID	NA	N	NA		
			4-Methyl-2-Pentanone (MIBK)	12/01/15	11/30/22	116590	6	.	0	.	LD	NC	N	NC		
			1,2-Dichloropropane	12/01/15	11/30/22	21120	6	.	0	.	LD	NC	N	NC		
			1,2-Dichloroethane	12/01/15	11/30/22	28680	6	.	0	.	LD	NC	N	NC		
			Carbon disulfide	12/01/15	11/30/22	780	6	.	0	.	LD	NC	N	NC		
			Acetone	12/01/15	11/30/22	360180	4	.	0	.	LD	NC	N	NC		
			Di-n-butyl phthalate	12/01/15	11/30/22	80000	12	.	0	.	AD	NC	N	NC		
			Toxaphene	12/01/15	11/30/22	32	12	.	0	.	AD	NC	N	NC		
			Pyrene	12/01/15	11/30/22	1520	12	.	0	.	AD	NC	N	NC		
Phenanthrene	12/01/15	11/30/22	1170	12	.	0	.	AD	NC	N	NC					

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1242A - Marlin City Lake System

AU ID: 1242A_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Toxic Substances in sediment	PCBs	12/01/15	11/30/22	676	10	.	0	.	AD	NC	N	NC		
		Naphthalene	12/01/15	11/30/22	561	12	.	0	.	AD	NC	N	NC		
		Fluoranthene	12/01/15	11/30/22	2230	11	.	0	.	AD	NC	N	NC		
		Endrin	12/01/15	11/30/22	207	11	.	0	.	AD	NC	N	NC		
		Dieldrin	12/01/15	11/30/22	61.8	12	.	0	.	AD	NC	N	NC		
		DDT	12/01/15	11/30/22	62.9	8	.	0	.	LD	NC	N	NC		
		DDE	12/01/15	11/30/22	31.3	12	.	0	.	AD	NC	N	NC		
		DDD	12/01/15	11/30/22	28	9	.	0	.	LD	NC	N	NC		
		Chloromethane	12/01/15	11/30/22	106800	6	.	0	.	LD	NC	N	NC		
		Chlordane	12/01/15	11/30/22	17.6	9	.	0	.	LD	NC	N	NC		
		Benzo(a)pyrene	12/01/15	11/30/22	1450	12	.	0	.	AD	NC	N	NC		
		Aldrin	12/01/15	11/30/22	80	11	.	0	.	AD	NC	N	NC		
		Acrylonitrile	12/01/15	11/30/22	1650	6	.	0	.	LD	NC	N	NC		
		Acenaphthylene	12/01/15	11/30/22	128	11	.	0	.	AD	NC	N	NC		
		Acenaphthene	12/01/15	11/30/22	88.9	12	.	0	.	AD	NC	N	NC		
		1,4-Dichlorobenzene	12/01/15	11/30/22	4650	12	.	0	.	AD	NC	N	NC		
		Iron	12/01/15	11/30/22	40000	10	.	0	.	AD	NC	N	NC		
		Zinc	12/01/15	11/30/22	459	11	.	0	.	AD	NC	N	NC		
		Nickel	12/01/15	11/30/22	48.6	11	.	0	.	AD	NC	N	NC		
		Mercury	12/01/15	11/30/22	1.06	11	.	0	.	AD	NC	N	NC		
		Manganese	12/01/15	11/30/22	1100	10	.	0	.	AD	NC	N	NC		
		Diethyl phthalate	12/01/15	11/30/22	11000	12	.	0	.	AD	NC	N	NC		
		N-Butyl benzyl phthalate	12/01/15	11/30/22	150000	12	.	0	.	AD	NC	N	NC		
		Di-n-octyl phthalate	12/01/15	11/30/22	1100	12	.	0	.	AD	NC	N	NC		
		Diazinon	12/01/15	11/30/22	7.3	9	.	0	.	LD	NC	N	NC		
		delta-BHC	12/01/15	11/30/22	2300	9	.	0	.	LD	NC	N	NC		
		3-Methyl-4-chlorophenol	12/01/15	11/30/22	5620	12	.	0	.	AD	NC	N	NC		
		Phenol (single compound)	12/01/15	11/30/22	210	12	.	0	.	AD	NC	N	NC		
		Dimethyl phthalate	12/01/15	11/30/22	8900	12	.	0	.	AD	NC	N	NC		
		Hexachlorocyclopentadiene	12/01/15	11/30/22	202	11	.	0	.	AD	NC	N	NC		
		1,1-Dichloroethylene	12/01/15	11/30/22	11200	6	.	0	.	LD	NC	N	NC		
		tert-Butylbenzene	12/01/15	11/30/22	7260	2	.	0	.	ID	NA	N	NA		
		Parathion (ethyl)	12/01/15	11/30/22	3.7	11	.	0	.	AD	NC	N	NC		
		Methoxychlor	12/01/15	11/30/22	95	8	.	0	.	LD	NC	N	NC		
		Heptachlor	12/01/15	11/30/22	2.74	10	.	0	.	AD	NC	N	NC		
		Methyl methacrylate	12/01/15	11/30/22	56980	2	.	0	.	ID	NA	N	NA		
		1,2-Dichlorobenzene	12/01/15	11/30/22	4950	12	.	0	.	AD	NC	N	NC		
		Arachlor 1248	12/01/15	11/30/22	1500	12	.	0	.	AD	NC	N	NC		
		Arachlor1260	12/01/15	11/30/22	240	11	.	0	.	AD	NC	N	NC		
		Arachlor 1016	12/01/15	11/30/22	530	11	.	0	.	AD	NC	N	NC		
		sec-Butylbenzene	12/01/15	11/30/22	5280	2	.	0	.	ID	NA	N	NA		
		Methylene chloride	12/01/15	11/30/22	46520	6	.	0	.	LD	NC	N	NC		
		1,2-Dichloroethene (trans)	12/01/15	11/30/22	71840	6	.	0	.	LD	NC	N	NC		
		1,1-Dichloroethane	12/01/15	11/30/22	13890	6	.	0	.	LD	NC	N	NC		
		Chlorobenzene	12/01/15	11/30/22	3000	6	.	0	.	LD	NC	N	NC		
Carbon tetrachloride	12/01/15	11/30/22	21000	6	.	0	.	LD	NC	N	NC				
gamma-BHC (Lindane)	12/01/15	11/30/22	4.99	8	.	0	.	LD	NC	N	NC				
alpha-BHC	12/01/15	11/30/22	100	8	.	0	.	LD	NC	N	NC				
Benzo(a)anthracene	12/01/15	11/30/22	1050	12	.	0	.	AD	NC	N	NC				
1,3-Dichlorobenzene	12/01/15	11/30/22	350	12	.	0	.	AD	NC	N	NC				
beta-BHC	12/01/15	11/30/22	210	11	.	0	.	AD	NC	N	NC				
Hexachloroethane	12/01/15	11/30/22	3945	12	.	0	.	AD	NC	N	NC				
Hexachlorobutadiene (HCBD)	12/01/15	11/30/22	550	12	.	0	.	AD	NC	N	NC				
Hexachlorobenzene (HCB)	12/01/15	11/30/22	240	12	.	0	.	AD	NC	N	NC				
Heptachlor epoxide	12/01/15	11/30/22	16	10	.	0	.	AD	NC	N	NC				
Dichlorodifluoromethane	12/01/15	11/30/22	22090	5	.	0	.	LD	NC	N	NC				

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1242A - Marlin City Lake System

AU ID: 1242A_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Toxic Substances in sediment	Fluorene	12/01/15	11/30/22	536	12	.	0	.	AD	NC	N	NC		
		Copper	12/01/15	11/30/22	149	11	.	0	.	AD	NC	N	NC		
		Chromium	12/01/15	11/30/22	111	10	.	0	.	AD	NC	N	NC		
		Cadmium	12/01/15	11/30/22	4.98	11	.	0	.	AD	NC	N	NC		
		Arsenic	12/01/15	11/30/22	33	11	.	0	.	AD	NC	N	NC		
		Methyl ethyl ketone	12/01/15	11/30/22	154260	2	.	0	.	ID	NA	N	NA		
		Malathion	12/01/15	11/30/22	6.2	9	.	0	.	LD	NC	N	NC		
		Dibromochloromethane	12/01/15	11/30/22	940	6	.	0	.	LD	NC	N	NC		
		2,4-Dinitrotoluene	12/01/15	11/30/22	8020	11	.	0	.	AD	NC	N	NC		
		Lead	12/01/15	11/30/22	128	11	.	0	.	AD	NC	N	NC		
		Silver	12/01/15	11/30/22	1.7	11	.	0	.	AD	NC	N	NC		
		n-Propylbenzene	12/01/15	11/30/22	4350	2	.	0	.	ID	NA	N	NA		
		Pentachlorophenol (PCP)	12/01/15	11/30/22	1200	11	.	0	.	AD	NC	N	NC		
		Endosulfan II (beta)	12/01/15	11/30/22	35	8	.	0	.	LD	NC	N	NC		
		Endosulfan I (alpha)	12/01/15	11/30/22	7.4	10	.	0	.	AD	NC	N	NC		
		p-Cymene	12/01/15	11/30/22	5980	2	.	0	.	ID	NA	N	NA		
		Cumene	12/01/15	11/30/22	53950	2	.	0	.	ID	NA	N	NA		
		N-Butylbenzene	12/01/15	11/30/22	6570	2	.	0	.	ID	NA	N	NA		
		Anthracene	12/01/15	11/30/22	845	12	.	0	.	AD	NC	N	NC		
		Bis(2-ethylhexyl)phthalate	12/01/15	11/30/22	22000	12	.	0	.	AD	NC	N	NC		
		2-Hexanone	12/01/15	11/30/22	28200	6	.	0	.	LD	NC	N	NC		
		Arachlor 1254	12/01/15	11/30/22	340	12	.	0	.	AD	NC	N	NC		
		Chrysene	12/01/15	11/30/22	1290	12	.	0	.	AD	NC	N	NC		
		Bromodichloromethane	12/01/15	11/30/22	14740	6	.	0	.	LD	NC	N	NC		
		Dibenz(a,h)anthracene	12/01/15	11/30/22	135	12	.	0	.	AD	NC	N	NC		
		Trichloroethene	12/01/15	11/30/22	13690	6	.	0	.	LD	NC	N	NC		
		1,1,2-Trichloroethane	12/01/15	11/30/22	5880	6	.	0	.	LD	NC	N	NC		
		1,1,1-Trichloroethane	12/01/15	11/30/22	24790	6	.	0	.	LD	NC	N	NC		
		1,2,4-Trichlorobenzene	12/01/15	11/30/22	5310	12	.	0	.	AD	NC	N	NC		
		Bromoform	12/01/15	11/30/22	1310	5	.	0	.	LD	NC	N	NC		
Benzene	12/01/15	11/30/22	2870	6	.	0	.	LD	NC	N	NC				
Ethylbenzene	12/01/15	11/30/22	7880	6	.	0	.	LD	NC	N	NC				
2-Methylnaphthalene	12/01/15	11/30/22	201	12	.	0	.	AD	NC	N	NC				
Chloroform	12/01/15	11/30/22	5670	4	.	0	.	LD	NC	N	NC				
Xylene	12/01/15	11/30/22	12010	5	.	0	.	LD	NC	N	NC				
Vinyl chloride	12/01/15	11/30/22	4180	6	.	0	.	LD	NC	N	NC				
Tetrachloroethene	12/01/15	11/30/22	8210	6	.	0	.	LD	NC	N	NC				
1,1,2,2-Tetrachloroethane	12/01/15	11/30/22	3800	5	.	0	.	LD	NC	N	NC				
Styrene	12/01/15	11/30/22	61420	6	.	0	.	LD	NC	N	NC				
Nitrobenzene	12/01/15	11/30/22	6290	12	.	0	.	AD	NC	N	NC				
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/15	11/30/22	332	9	2.22	0	.	LD	NC	N	NC		
		Mercury	12/01/15	11/30/22	0.01	8	0	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/15	11/30/22	1.15	9	0.18	0	.	LD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	26.7	23	.	18	64.64	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	20	.	11	0.33	JQ	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.11	20	.	7	0.28	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	21	.	4	0.81	JQ	NA	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nickel (dissolved)	12/01/15	11/30/22	332	9	2.22	0	.	LD	NC	N	NC		
		Cadmium (dissolved)	12/01/15	11/30/22	5	9	0.2	0	.	LD	NC	N	NC		
		Arsenic (dissolved)	12/01/15	11/30/22	10	9	2.77	0	.	LD	NC	N	NC		
		Mercury	12/01/15	11/30/22	0.01	8	0	0	.	LD	NC	N	NC		
		Selenium	12/01/15	11/30/22	50	8	1.28	0	.	LD	NC	N	NC		
Nitrate	12/01/15	11/30/22	10	21	0.22	0	.	AD	FS	N	FS				

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1242A - Marlin City Lake System
AU ID: 1242A_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Lead (dissolved)	12/01/15	11/30/22	1.15	9	0.18	0	.	LD	NC	N	NC		
		Fluoride	12/01/15	11/30/22	4	22	0.16	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	23	14.21	0	.	AD	FS	N	FS		

**Seg ID: 1242B - Cottonwood Branch
AU ID: 1242B_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	44	.	1	2.6	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	44	.	1	2.6	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	23	.	23	66	AD	CS	N	CS	Nitrate in water	
		Total phosphorus	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Total Phosphorus in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	630	43	1773.62	1	.	AD	NS	N	NS	Bacteria in water	5r

**Seg ID: 1242B - Cottonwood Branch
AU ID: 1242B_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	42	.	1	0.6	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	42	.	1	0.6	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	21	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	630	42	144.2	0	.	AD	FS	N	FS		

**Seg ID: 1242C - Still Creek
AU ID: 1242C_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	81	.	3	1.87	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	81	.	12	3.53	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	47	.	22	16.89	AD	CS	N	CS	Nitrate in water	
		Total phosphorus	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Total Phosphorus in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	81	363.72	1	.	AD	NS	N	NS	Bacteria in water	5r

**Seg ID: 1242D - Thompsons Creek
AU ID: 1242D_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	46	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	46	.	1	4.9	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Impaired fish community in water	

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1242D - Thompsons Creek
AU ID: 1242D_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	26	.	25	32.27	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/15	11/30/22	14.1	26	.	6	21.9	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	25	.	24	5.53	AD	CS	N	CS	Total Phosphorus in water	
		Ammonia	12/01/15	11/30/22	0.33	26	.	7	1.48	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	46	1505.13	1	.	AD	NS	N	NS	Bacteria in water	5b

**Seg ID: 1242D - Thompsons Creek
AU ID: 1242D_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	Nutrient Screening Levels	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	4	10	.	5	1.42	AD	NS	N	NS	Depressed dissolved oxygen in water	5b
		Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	10	.	5	0.86	AD	NS	N	NS	Depressed dissolved oxygen in water	5b
		Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	29	.	13	1.55	SM	NS	N	NA		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	29	.	15	1.81	SM	CS	N	NA		
		Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Impaired macrobenthic community in water	
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water		
		Ammonia	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Ammonia in water		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	28	411.42	1	.	AD	NS	N	NS	Bacteria in water	5b	

**Seg ID: 1242E - Little Brazos River
AU ID: 1242E_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Nutrient Screening Levels	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	0	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	28	.	1	4.2	AD	NC	N	NC	
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	27	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	27	.	4	22.28	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	26	.	1	0.94	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	27	.	1	2.5	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	27	82.91	0	.	AD	FS	N	FS		

**Seg ID: 1242F - Pond Creek
AU ID: 1242F_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Nutrient Screening Levels	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	67	.	0	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	67	.	0	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	24	.	8	5.15	AD	CS	N	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	67	242.04	1	.	AD	NS	N	NS	Bacteria in water	5c

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1242H - Tradinghouse Reservoir
AU ID: 1242H_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	22	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	22	.	1	4.95	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.2	22	.	1	0.21	JQ	NA	N	NA		
		Chlorophyll-a	12/01/15	11/30/22	26.7	23	.	6	39.52	JQ	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.11	21	.	8	0.22	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	23	.	0	.	JQ	NA	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	23	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	23	0.23	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	22	2.89	0	.	AD	FS	N	FS		

**Seg ID: 1242I - Campbells Creek
AU ID: 1242I_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	1.5	9	.	1	0.6	TR	NA	Y	CN	Depressed dissolved oxygen in water	
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	2	9	.	1	0.6	TR	NA	Y	CS	Depressed dissolved oxygen in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	630	8	581.28	0	.	TR	NA	Y	NS	Bacteria in water	5c

**Seg ID: 1242J - Deer Creek
AU ID: 1242J_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	97	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	97	.	3	4	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Impaired macrobenthic community in water	
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	22	.	7	5.15	AD	CS	N	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	105	187.1	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 1242K - Mud Creek
AU ID: 1242K_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	21	.	0	.	TR	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	21	.	0	.	TR	NC	N	NA		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	6	.	0	.	TR	NC	N	NA		
		Chlorophyll-a	12/01/15	11/30/22	14.1	6	.	0	.	TR	NC	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.69	6	.	0	.	TR	NC	N	NA		
		Nitrate	12/01/15	11/30/22	1.95	6	.	0	.	TR	NC	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	22	182.96	1	.	TR	NA	Y	NS	Bacteria in water	5b

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1242L - Pin Oak Creek

AU ID: 1242L_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	21	.	1	1.3	TR	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	21	.	1	1.3	TR	NC	N	NA		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	6	.	0	.	TR	NC	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.69	6	.	0	.	TR	NC	N	NA		
		Ammonia	12/01/15	11/30/22	0.33	6	.	0	.	TR	NC	N	NA		
		Nitrate	12/01/15	11/30/22	1.95	6	.	0	.	TR	NC	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	22	193.13	1	.	TR	NA	Y	NS	Bacteria in water	5b

Seg ID: 1242M - Spring Creek

AU ID: 1242M_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	15	.	2	1.55	TR	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	15	.	3	1.77	TR	NA	Y	CS	Depressed dissolved oxygen in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	15	455.43	1	.	TR	NA	Y	NS	Bacteria in water	5b

Seg ID: 1242N - Tehuacana Creek

AU ID: 1242N_01

Use	Method	Parameter	Start 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	Arsenic (dissolved)	12/01/15	11/30/22	340	9	.	0	.	LD	NC	N	NC		
		Nickel (dissolved)	12/01/15	11/30/22	601.33	9	.	0	.	LD	NC	N	NC		
		Mercury	12/01/15	11/30/22	2.4	9	.	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/15	11/30/22	88.98	9	.	0	.	LD	NC	N	NC		
		Copper (dissolved)	12/01/15	11/30/22	18.77	8	.	0	.	LD	NC	N	NC		
		Chromium (Tri)(dissolved)	12/01/15	11/30/22	725.9	9	.	0	.	LD	NC	N	NC		
		Zinc (dissolved)	12/01/15	11/30/22	150.55	9	.	0	.	LD	NC	N	NC		
		Selenium	12/01/15	11/30/22	20	8	.	0	.	LD	NC	N	NC		
		Cadmium (dissolved)	12/01/15	11/30/22	11.44	9	.	0	.	LD	NC	N	NC		
		Aluminum (dissolved)	12/01/15	11/30/22	991	9	.	0	.	LD	NC	N	NC		
	Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/15	11/30/22	0.43	9	0.12	0	.	LD	NC	N	NC		
		Zinc (dissolved)	12/01/15	11/30/22	231.31	9	2.4	0	.	LD	NC	N	NC		
		Selenium	12/01/15	11/30/22	5	8	2.31	0	.	LD	NC	N	NC		
		Nickel (dissolved)	12/01/15	11/30/22	101.72	9	3.54	0	.	LD	NC	N	NC		
		Mercury	12/01/15	11/30/22	1.3	9	0	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/15	11/30/22	5.9	9	0.26	0	.	LD	NC	N	NC		
		Copper (dissolved)	12/01/15	11/30/22	18.65	8	2.42	0	.	LD	NC	N	NC		
		Chromium (Tri)(dissolved)	12/01/15	11/30/22	141.89	9	1.67	0	.	LD	NC	N	NC		
		Arsenic (dissolved)	12/01/15	11/30/22	150	9	4.11	0	.	LD	NC	N	NC		
		Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	24	.	0	.	AD	FS	N	FS	
Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	24	.	0	.	AD	NC	N	NC			
Fish Consumption Use	HH Bioaccumulative Toxics in water	Mercury	12/01/15	11/30/22	0.12	9	0	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/15	11/30/22	38.3	9	0.26	0	.	LD	NC	N	NC		
		Nickel (dissolved)	12/01/15	11/30/22	11400	9	3.54	0	.	LD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1242N - Tehuacana Creek
AU ID: 1242N_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	24	.	15	65.75	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	22	.	18	5.89	AD	CS	N	CS	Total Phosphorus in water	
		Ammonia	12/01/15	11/30/22	0.33	20	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	24	.	16	14.36	AD	CS	N	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	23	184.5	1	.	AD	NS	N	NS	Bacteria in water	5b

**Seg ID: 1242N - Tehuacana Creek
AU ID: 1242N_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	Mercury	12/01/15	11/30/22	0.12	9	0	0	.	LD	NC	N	NC		
		Nickel (dissolved)	12/01/15	11/30/22	11400	9	3.54	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/15	11/30/22	38.3	9	0.26	0	.	LD	NC	N	NC		

**Seg ID: 1242O - Walnut Creek
AU ID: 1242O_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	15	.	0	.	TR	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	15	.	0	.	TR	NC	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	15	359.94	1	.	TR	NA	Y	NS	Bacteria in water	5b

**Seg ID: 1242P - Big Creek
AU ID: 1242P_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Bacteria in water	5b

**Seg ID: 1242Q - Bull Hide Creek
AU ID: 1242Q_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	3	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	3	.	0	.	ID	NA	N	NA		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	2	.	0	.	ID	NA	N	NA		
		Nitrate	12/01/15	11/30/22	1.95	3	.	1	2.13	ID	NA	Y	CS	Nitrate in water	
		Total phosphorus	12/01/15	11/30/22	0.69	3	.	0	.	ID	NA	N	NA		
		Chlorophyll-a	12/01/15	11/30/22	14.1	3	.	0	.	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	2	73.01	0	.	ID	NA	N	NA		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1243 - Salado Creek
AU ID: 1243_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	29	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	29	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	26	19.35	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	27	14.84	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	29	363.08	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	29	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	29	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	2	.	0	.	ID	NA	N	NA		
		Nitrate	12/01/15	11/30/22	1.95	25	.	25	3.75	AD	CS	N	CS	Nitrate in water	
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	29	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	25	3.75	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	10.89	0	.	AD	FS	N	FS		

**Seg ID: 1243 - Salado Creek
AU ID: 1243_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	12/01/15	11/30/22	50	26	19.35	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	29	363.08	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	27	14.84	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Nitrate in water	
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	25	3.75	0	.	AD	FS	N	FS		

**Seg ID: 1244 - Brushy Creek
AU ID: 1244_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	24	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	24	.	1	4.9	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	800	108	418	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	150	102	45.5	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	200	102	70.37	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	24	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	24	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	23	.	3	5.39	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	24	.	3	17.53	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	22	.	1	0.45	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	24	.	22	6.19	AD	CS	N	CS	Nitrate in water	
	Water Temperature	Water temperature	12/01/15	11/30/22	32.8	23	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	23	147.54	1	.	AD	NS	N	NS	Bacteria in water	5r

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1244 - Brushy Creek
AU ID: 1244_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	32	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	32	.	1	3.1	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	800	108	418	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	150	102	45.5	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	200	102	70.37	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	32	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	32	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	25	.	21	6.88	AD	CS	N	CS	Nitrate in water	
		Ammonia	12/01/15	11/30/22	0.33	25	.	5	2.83	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	25	.	1	16.2	AD	NC	N	NC		
Total phosphorus		12/01/15	11/30/22	0.69	23	.	4	0.84	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	32	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	29	322.69	1	.	AD	NS	N	NS	Bacteria in water	5r

**Seg ID: 1244 - Brushy Creek
AU ID: 1244_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	25	.	1	4.2	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	150	102	45.5	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	200	102	70.37	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	800	108	418	0	.	AD	FS	N	FS		
	Fish Kill Reports	Fish Kill Reports	12/01/15	11/30/22	.	0	.	.	.	OE	CN	N	CN	Fish kill in water	
	High pH	pH	12/01/15	11/30/22	9	25	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	25	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	22	.	1	24.1	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	21	.	3	0.75	AD	NC	N	NC		
Ammonia		12/01/15	11/30/22	0.33	22	.	5	3.6	AD	NC	N	NC			
Nitrate		12/01/15	11/30/22	1.95	22	.	18	7.21	AD	CS	N	CS	Nitrate in water		
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	25	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	22	515.4	1	.	AD	NS	N	NS	Bacteria in water	5r

**Seg ID: 1244 - Brushy Creek
AU ID: 1244_04**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	28	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	150	102	45.5	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	200	102	70.37	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	800	108	418	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	28	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	28	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	25	.	1	42.8	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	24	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	25	.	1	0.5	AD	NC	N	NC		
Nitrate		12/01/15	11/30/22	1.95	25	.	5	2.31	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	28	.	0	.	AD	FS	N	FS			

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1244 - Brushy Creek
AU ID: 1244_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
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	25	1.32	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	25	89.32	0	.	AD	FS	N	FS		

**Seg ID: 1245 - Upper Oyster Creek
AU ID: 1245_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	1	58	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	58	.	2	3.75	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	59	38.47	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	140	59	70.78	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	1070	217	358.29	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	58	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	58	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	19	.	13	40.3	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	21	.	16	1.23	AD	CS	N	CS	Total Phosphorus in water	
		Ammonia	12/01/15	11/30/22	0.33	20	.	1	0.43	AD	NC	N	NC		
Nitrate		12/01/15	11/30/22	1.95	20	.	17	5.68	AD	CS	N	CS	Nitrate in water		
Water Temperature	Water temperature	12/01/15	11/30/22	35	58	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	57	145.4	1	.	AD	NS	N	NS	Bacteria in water	4a

**Seg ID: 1245 - Upper Oyster Creek
AU ID: 1245_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	4	40	.	5	2.88	AD	FS	N	FS		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	40	.	7	2.17	AD	NS	N	NS	Depressed dissolved oxygen in water	4a
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	60	.	9	2.32	SM	NS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	60	.	15	2.72	SM	CS	N	NA		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	59	38.47	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	140	59	70.78	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	1070	217	358.29	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	60	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	60	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	55	.	19	41.01	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	60	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	59	.	0	.	AD	NC	N	NC		
Nitrate		12/01/15	11/30/22	1.95	59	.	1	12.5	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/15	11/30/22	35	60	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	156	0.88	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	39	0.17	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	58	110.91	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1245 - Upper Oyster Creek
AU ID: 1245_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	4	80	.	9	3.57	AD	CN	Y	NS	Depressed dissolved oxygen in water	4a
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	80	.	4	2.43	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	99	.	1	2.9	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	99	.	7	3.48	SM	NC	N	NA		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	1070	217	358.29	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	75	59	38.47	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	140	59	70.78	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	99	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	99	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	93	.	32	33.73	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	99	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	98	.	0	.	AD	NC	N	NC		
Nitrate		12/01/15	11/30/22	1.95	97	.	4	2.4	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/15	11/30/22	35	99	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	156	0.88	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	39	0.17	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	97	208.6	1	.	AD	NS	N	NS	Bacteria in water	4a

**Seg ID: 1245A - Red Gully
AU ID: 1245A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

**Seg ID: 1245E - Flewellen Creek
AU ID: 1245E_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

**Seg ID: 1245I - Steep Bank Creek
AU ID: 1245I_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Bacteria in water	5a

**Seg ID: 1245J - Stafford Run
AU ID: 1245J_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1246 - Middle Bosque/South Bosque River

AU ID: 1246_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	22	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	22	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	260	36	32.92	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	36	14.12	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	700	40	283.56	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	22	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	22	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	22	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	21	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	22	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	22	.	11	2.9	AD	CS	N	CS	Nitrate in water	
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	22	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	20	17.84	0	.	AD	FS	N	FS		

Seg ID: 1246 - Middle Bosque/South Bosque River

AU ID: 1246_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	17	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	17	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	260	36	32.92	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	36	14.12	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	700	40	283.56	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	17	.	1	9.8	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	17	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	19	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	18	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	19	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	19	.	9	4.76	AD	CS	N	CS	Nitrate in water	
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	17	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/16/14	11/30/22	126	20	36.44	0	.	AD	FS	N	FS		

Seg ID: 1246D - Tonk Creek

AU ID: 1246D_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	Nitrate	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Nitrate in water	

Seg ID: 1246E - Wasp Creek

AU ID: 1246E_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	1.5	18	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	2	18	.	1	1.9	AD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1246E - Wasp Creek
AU ID: 1246E_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	16	.	12	5.65	AD	CS	N	CS	Nitrate in water	
		Ammonia	12/01/15	11/30/22	0.33	2	.	0	.	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	16	188.08	1	.	LD	CN	Y	NS	Bacteria in water	5b

**Seg ID: 1247 - Granger Lake
AU ID: 1247_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	26	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	50	78	35.3	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	78	30.51	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	78	275.03	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	26	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	26	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	75	0.66	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	1.75	0	.	AD	FS	N	FS		

**Seg ID: 1247 - Granger Lake
AU ID: 1247_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	26	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	78	30.51	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	78	35.3	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	78	275.03	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	26	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	26	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	75	0.66	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	2.68	0	.	AD	FS	N	FS		

**Seg ID: 1247 - Granger Lake
AU ID: 1247_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	26	.	2	4.85	AD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1247 - Granger Lake
AU ID: 1247_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	Sulfate	12/01/15	11/30/22	50	78	30.51	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	78	35.3	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	78	275.03	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	26	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	26	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	75	0.66	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	2.96	0	.	AD	FS	N	FS		

**Seg ID: 1247A - Willis Creek
AU ID: 1247A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	26	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	24	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	24	.	1	42	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	24	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	24	.	21	7.72	AD	CS	N	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	630	23	745.44	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 1248 - San Gabriel/North Fork San Gabriel River
AU ID: 1248_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	86	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	86	.	1	4.8	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	79	32.9	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	81	51.18	1	.	AD	NS	N	NS	Chloride in water	5c
		Total dissolved solids	12/01/15	11/30/22	350	86	348.56	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	86	.	1	9.1	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	86	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	77	.	4	34.63	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	75	.	1	0.81	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	77	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	74	.	21	2.87	AD	CS	N	CS	Nitrate in water	
Water Temperature	Water temperature	12/01/15	11/30/22	35	86	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	74	1.49	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	77	56.16	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1248A - Berry Creek
AU ID: 1248A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	29	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	29	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	25	.	2	3.17	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	75.18	0	.	AD	FS	N	FS		

**Seg ID: 1248B - Huddleston Branch
AU ID: 1248B_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

**Seg ID: 1248C - Mankins Branch
AU ID: 1248C_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	29	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	29	.	0	.	AD	NC	N	NC		
	Habitat	Habitat	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Impaired habitat in water	
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	25	.	24	11.89	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/15	11/30/22	14.1	26	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	26	.	22	2.49	AD	CS	N	CS	Total Phosphorus in water	
		Ammonia	12/01/15	11/30/22	0.33	26	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	550.07	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 1248D - Middle Fork San Gabriel River
AU ID: 1248D_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	8	.	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	8	.	0	.	LD	NC	N	NC		

**Seg ID: 1249 - Lake Georgetown
AU ID: 1249_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	26	.	2	3.45	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	50	19.09	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	50	33.47	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	350	52	273.41	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	26	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	26	.	0	.	AD	FS	N	FS			

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1249 - Lake Georgetown
AU ID: 1249_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	50	0.11	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	0.71	0	.	AD	FS	N	FS		

**Seg ID: 1249 - Lake Georgetown
AU ID: 1249_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	26	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	350	52	273.41	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	50	33.47	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	50	19.09	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	26	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	26	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	50	0.11	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	0.81	0	.	AD	FS	N	FS		

**Seg ID: 1250 - South Fork San Gabriel River
AU ID: 1250_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	79	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	79	.	1	4.4	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	99	32.78	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	101	49.68	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	350	106	370.12	1	.	AD	NS	N	NS	Total dissolved solids in water	5c
	High pH	pH	12/01/15	11/30/22	9	80	.	1	9.2	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	80	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	70	.	3	31.57	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	73	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	72	.	1	0.6	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	70	.	8	2.92	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	35	80	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	93	0.79	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	22	0.15	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	71	27.8	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1250 - South Fork San Gabriel River

AU ID: 1250_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	26	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	99	32.78	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	101	49.68	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	350	106	370.12	1	.	AD	NS	N	NS	Total dissolved solids in water	5c
	High pH	pH	12/01/15	11/30/22	9	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	26	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	24	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	25	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	25	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	26	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	26	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	93	0.79	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	22	0.15	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	24	44.82	0	.	AD	FS	N	FS		

Seg ID: 1250 - South Fork San Gabriel River

AU ID: 1250_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 screening level	Dissolved oxygen Grab	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	50	101	49.68	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	99	32.78	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	350	106	370.12	1	.	AD	NS	N	NS	Total dissolved solids in water	5c
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	22	0.15	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	93	0.79	0	.	AD	FS	N	FS		

Seg ID: 1251 - North Fork San Gabriel River

AU ID: 1251_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	21	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	21	.	1	4.8	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	20	25.74	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	22	32.16	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	23	333.42	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	22	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	22	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	22	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	22	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	23	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	19	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	22	.	0	.	AD	FS	N	FS			

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1251 - North Fork San Gabriel River

AU ID: 1251_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	18	0.21	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	21	0.2	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	21	45.7	0	.	AD	FS	N	FS		

Seg ID: 1251 - North Fork San Gabriel River

AU ID: 1251_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	12/01/15	11/30/22	50	20	25.74	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	22	32.16	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	23	333.42	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	21	0.2	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	18	0.21	0	.	AD	FS	N	FS		

Seg ID: 1252 - Lake Limestone

AU ID: 1252_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	75	.	3	2.57	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	75	.	11	3.61	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	300	303	132.41	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	293	16.89	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	291	16.27	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	74	.	1	9.15	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	74	.	1	5.6	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	75	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	288	0.09	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	71	2.1	0	.	AD	FS	N	FS		

Seg ID: 1252 - Lake Limestone

AU ID: 1252_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	76	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	76	.	5	4.2	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	300	303	132.41	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	291	16.27	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	293	16.89	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	75	.	2	9.1	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	75	.	1	5.8	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	76	.	2	32.55	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	288	0.09	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1252 - Lake Limestone
AU ID: 1252_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	71	3.07	0	.	AD	FS	N	FS		

**Seg ID: 1252 - Lake Limestone
AU ID: 1252_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	76	.	1	1.46	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	76	.	7	3.7	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	293	16.89	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	291	16.27	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	300	303	132.41	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	75	.	7	9.12	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	75	.	1	5.9	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	76	.	1	32.6	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	288	0.09	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	72	2.49	0	.	AD	FS	N	FS		

**Seg ID: 1252 - Lake Limestone
AU ID: 1252_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	Chloride	12/01/15	11/30/22	50	291	16.27	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	293	16.89	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	300	303	132.41	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	288	0.09	0	.	AD	FS	N	FS		

**Seg ID: 1252 - Lake Limestone
AU ID: 1252_05**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	76	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	76	.	4	4.74	AD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	50	291	16.27	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	50	293	16.89	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	300	303	132.41	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	75	.	4	9.18	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	75	.	1	5.75	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	ID	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	76	.	1	32.4	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	288	0.09	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	72	3.89	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1253 - Navasota River Below Lake Mexia

AU ID: 1253_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	4	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	4	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	33	.	2	2.7	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	33	.	3	3.1	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	150	33	47.1	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	440	32	64.54	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	1350	41	330.64	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	32	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	32	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	33	.	22	48.76	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	33	.	2	1.39	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	33	.	2	0.39	AD	NC	N	NC		
Water Temperature	Nitrate	12/01/15	11/30/22	1.95	33	.	1	2.13	AD	NC	N	NC			
	Water temperature	12/01/15	11/30/22	33.9	33	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	33	0.28	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	33	63.57	0	.	AD	FS	N	FS		

Seg ID: 1253 - Navasota River Below Lake Mexia

AU ID: 1253_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	4	.	3	4.5	TR	NS	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	4	.	0	.	TR	NC	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	1350	41	330.64	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	150	33	47.1	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	440	32	64.54	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	33	0.28	0	.	AD	FS	N	FS		

Seg ID: 1253 - Navasota River Below Lake Mexia

AU ID: 1253_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	440	32	64.54	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	150	33	47.1	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	1350	41	330.64	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	33	0.28	0	.	AD	FS	N	FS		

Seg ID: 1253A - Springfield Lake

AU ID: 1253A_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	8	.	1	4.8	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	8	.	0	.	LD	NC	Y	CN	Depressed dissolved oxygen in water	
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	24	.	3	2.66	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	24	.	5	3.17	AD	CS	N	CS	Depressed dissolved oxygen in water	

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1253A - Springfield Lake
AU ID: 1253A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	0.37	24	.	0	.	JQ	NA	N	NA		
		Chlorophyll-a	12/01/15	11/30/22	26.7	24	.	22	87.1	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	24	.	12	0.32	JQ	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.11	23	.	1	0.53	JQ	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	24	5.97	0	.	AD	FS	N	FS		

**Seg ID: 1254 - Aquilla Reservoir
AU ID: 1254_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	23	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	23	.	1	4.63	AD	NC	N	NC		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/15	11/30/22	0.22	4	0.11	0	.	LD	NC	N	NC		
		gamma-BHC (Lindane)	12/01/15	11/30/22	0.2	4	0.05	0	.	LD	NC	N	NC		
		Methoxychlor	12/01/15	11/30/22	2.92	4	0.05	0	.	LD	NC	N	NC		
		Hexachlorobenzene (HCB)	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Heptachlor epoxide	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Heptachlor	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Endrin	12/01/15	11/30/22	0.02	4	0.01	0	.	LD	NC	N	NC		
		Dieldrin	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Benzo(a)pyrene	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Aldrin	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	310	65	41.55	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	110	66	15.43	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	600	80	213.34	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	23	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	23	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	23	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/01/15	11/30/22	6	4	1.05	0	.	LD	NC	N	NC		
		Hexachlorocyclopentadiene	12/01/15	11/30/22	10.7	4	0.05	0	.	LD	NC	N	NC		
		Pentachlorophenol (PCP)	12/01/15	11/30/22	0.22	4	0.11	0	.	LD	NC	N	NC		
		gamma-BHC (Lindane)	12/01/15	11/30/22	0.2	4	0.05	0	.	LD	NC	N	NC		
		Hexachlorobenzene (HCB)	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Heptachlor epoxide	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Heptachlor	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Dieldrin	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Benzo(a)pyrene	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Aldrin	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
	Nitrate	12/01/15	11/30/22	10	66	0.82	0	.	AD	FS	N	FS			
	Fluoride	12/01/15	11/30/22	4	65	0.3	0	.	AD	FS	N	FS			
	Endrin	12/01/15	11/30/22	0.02	4	0.01	0	.	LD	NC	N	NC			
	Methoxychlor	12/01/15	11/30/22	2.92	4	0.05	0	.	LD	NC	N	NC			
Surface Water Toxic Substances average concern	Alachlor	12/01/15	11/30/22	2	20	0.05	0	.	AD	NC	N	NC			
	Atrazine	12/01/15	11/30/22	3	20	0.96	0	.	AD	NC	N	NC			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	21	1.8	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1254 - Aquilla Reservoir
AU ID: 1254_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	Pentachlorophenol (PCP)	12/01/15	11/30/22	39.39	2	.	0	.	ID	NA	N	NA		
		gamma-BHC (Lindane)	12/01/15	11/30/22	1.13	2	.	0	.	ID	NA	N	NA		
		Heptachlor	12/01/15	11/30/22	0.52	2	.	0	.	ID	NA	N	NA		
		Endrin	12/01/15	11/30/22	0.09	2	.	0	.	ID	NA	N	NA		
		Dieldrin	12/01/15	11/30/22	0.24	2	.	0	.	ID	NA	N	NA		
		Aldrin	12/01/15	11/30/22	3	2	.	0	.	ID	NA	N	NA		
	Chronic Toxic Substances in water	Pentachlorophenol (PCP)	12/01/15	11/30/22	16.54	2	0.53	0	.	ID	NA	N	NA		
		gamma-BHC (Lindane)	12/01/15	11/30/22	0.08	2	0.04	0	.	ID	NA	N	NA		
		Methoxychlor	12/01/15	11/30/22	0.03	2	0.02	0	.	ID	NA	N	NA		
		Heptachlor	12/01/15	11/30/22	0	2	0	0	.	ID	NA	N	NA		
		Endrin	12/01/15	11/30/22	0	2	0	0	.	ID	NA	N	NA		
		Dieldrin	12/01/15	11/30/22	0	2	0	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	23	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	23	.	0	.	AD	NC	N	NC		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/15	11/30/22	0.22	4	0.11	0	.	LD	NC	N	NC		
		gamma-BHC (Lindane)	12/01/15	11/30/22	0.2	4	0.05	0	.	LD	NC	N	NC		
		Methoxychlor	12/01/15	11/30/22	2.92	4	0.05	0	.	LD	NC	N	NC		
		Hexachlorobenzene (HCB)	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Heptachlor epoxide	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Heptachlor	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Endrin	12/01/15	11/30/22	0.02	4	0.01	0	.	LD	NC	N	NC		
		Bis(2-ethylhexyl)phthalate	12/01/15	11/30/22	6	4	1.05	0	.	LD	NC	N	NC		
		Dieldrin	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Benzo(a)pyrene	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Aldrin	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
	Hexachlorocyclopentadiene	12/01/15	11/30/22	10.7	4	0.05	0	.	LD	NC	N	NC			
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	110	66	15.43	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	600	80	213.34	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	310	65	41.55	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	23	.	0	.	AD	FS	N	FS		
		Low pH	pH	12/01/15	11/30/22	6.5	23	.	0	.	AD	FS	N	FS	
		Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	23	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Methoxychlor	12/01/15	11/30/22	2.92	4	0.05	0	.	LD	NC	N	NC		
		Hexachlorobenzene (HCB)	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Heptachlor epoxide	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Heptachlor	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Endrin	12/01/15	11/30/22	0.02	4	0.01	0	.	LD	NC	N	NC		
		Benzo(a)pyrene	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Aldrin	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	10	66	0.82	0	.	AD	FS	N	FS		
		Bis(2-ethylhexyl)phthalate	12/01/15	11/30/22	6	4	1.05	0	.	LD	NC	N	NC		
		Hexachlorocyclopentadiene	12/01/15	11/30/22	10.7	4	0.05	0	.	LD	NC	N	NC		
		Fluoride	12/01/15	11/30/22	4	65	0.3	0	.	AD	FS	N	FS		
		Pentachlorophenol (PCP)	12/01/15	11/30/22	0.22	4	0.11	0	.	LD	NC	N	NC		
		Dieldrin	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		gamma-BHC (Lindane)	12/01/15	11/30/22	0.2	4	0.05	0	.	LD	NC	N	NC		
		Surface Water Toxic Substances average concern	Atrazine	12/01/15	11/30/22	3	20	0.96	0	.	AD	NC	N	NC	
		Alachlor	12/01/15	11/30/22	2	20	0.05	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	21	2.09	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1254 - Aquilla Reservoir
AU ID: 1254_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	Pentachlorophenol (PCP)	12/01/15	11/30/22	39.39	2	.	0	.	ID	NA	N	NA		
		gamma-BHC (Lindane)	12/01/15	11/30/22	1.13	2	.	0	.	ID	NA	N	NA		
		Heptachlor	12/01/15	11/30/22	0.52	2	.	0	.	ID	NA	N	NA		
		Endrin	12/01/15	11/30/22	0.09	2	.	0	.	ID	NA	N	NA		
		Dieldrin	12/01/15	11/30/22	0.24	2	.	0	.	ID	NA	N	NA		
		Aldrin	12/01/15	11/30/22	3	2	.	0	.	ID	NA	N	NA		
	Chronic Toxic Substances in water	Pentachlorophenol (PCP)	12/01/15	11/30/22	16.54	2	0.53	0	.	ID	NA	N	NA		
		gamma-BHC (Lindane)	12/01/15	11/30/22	0.08	2	0.04	0	.	ID	NA	N	NA		
		Methoxychlor	12/01/15	11/30/22	0.03	2	0.02	0	.	ID	NA	N	NA		
		Heptachlor	12/01/15	11/30/22	0	2	0	0	.	ID	NA	N	NA		
		Endrin	12/01/15	11/30/22	0	2	0	0	.	ID	NA	N	NA		
		Dieldrin	12/01/15	11/30/22	0	2	0	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	34	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	34	.	0	.	AD	NC	N	NC		
	Toxic Substances in sediment	Bromoform	12/01/15	11/30/22	1310	1	.	0	.	ID	NA	N	NA		
		Toluene	12/01/15	11/30/22	20290	2	.	0	.	ID	NA	N	NA		
		1,1,2,2-Tetrachloroethane	12/01/15	11/30/22	3800	2	.	0	.	ID	NA	N	NA		
		Ethylbenzene	12/01/15	11/30/22	7880	2	.	0	.	ID	NA	N	NA		
		1,2-Dichloropropane	12/01/15	11/30/22	21120	2	.	0	.	ID	NA	N	NA		
		2-Methylnaphthalene	12/01/15	11/30/22	201	5	.	0	.	LD	NC	N	NC		
		Vinyl chloride	12/01/15	11/30/22	4180	2	.	0	.	ID	NA	N	NA		
		1,1,2-Trichloroethane	12/01/15	11/30/22	5880	2	.	0	.	ID	NA	N	NA		
		1,1,1-Trichloroethane	12/01/15	11/30/22	24790	2	.	0	.	ID	NA	N	NA		
		1,2,4-Trichlorobenzene	12/01/15	11/30/22	5310	5	.	0	.	LD	NC	N	NC		
		Nitrobenzene	12/01/15	11/30/22	6290	5	.	0	.	LD	NC	N	NC		
		Methylene chloride	12/01/15	11/30/22	46520	2	.	0	.	ID	NA	N	NA		
		Carbon disulfide	12/01/15	11/30/22	780	2	.	0	.	ID	NA	N	NA		
		Benzene	12/01/15	11/30/22	2870	2	.	0	.	ID	NA	N	NA		
		Acetone	12/01/15	11/30/22	360180	1	.	0	.	ID	NA	N	NA		
		Toxaphene	12/01/15	11/30/22	32	5	.	0	.	LD	NC	N	NC		
		Trichloroethene	12/01/15	11/30/22	13690	2	.	0	.	ID	NA	N	NA		
		Pyrene	12/01/15	11/30/22	1520	5	.	0	.	LD	NC	N	NC		
		PCBs	12/01/15	11/30/22	676	4	.	0	.	LD	NC	N	NC		
		Naphthalene	12/01/15	11/30/22	561	5	.	0	.	LD	NC	N	NC		
Hexachloroethane		12/01/15	11/30/22	3945	5	.	0	.	LD	NC	N	NC			
2-Hexanone		12/01/15	11/30/22	28200	2	.	0	.	ID	NA	N	NA			
1,2-Dichlorobenzene		12/01/15	11/30/22	4950	5	.	0	.	LD	NC	N	NC			
Arachlor 1248		12/01/15	11/30/22	1500	5	.	0	.	LD	NC	N	NC			
Arachlor1260		12/01/15	11/30/22	240	5	.	0	.	LD	NC	N	NC			
Parathion (ethyl)		12/01/15	11/30/22	3.7	5	.	0	.	LD	NC	N	NC			
Methoxychlor		12/01/15	11/30/22	95	5	.	0	.	LD	NC	N	NC			
Malathion		12/01/15	11/30/22	6.2	4	.	0	.	LD	NC	N	NC			
Heptachlor		12/01/15	11/30/22	2.74	5	.	0	.	LD	NC	N	NC			
Bis(2-ethylhexyl)phthalate		12/01/15	11/30/22	22000	5	.	0	.	LD	NC	N	NC			
1,1-Dichloroethane		12/01/15	11/30/22	13890	2	.	0	.	ID	NA	N	NA			
Dichlorodifluoromethane		12/01/15	11/30/22	22090	2	.	0	.	ID	NA	N	NA			
Chlorobenzene		12/01/15	11/30/22	3000	2	.	0	.	ID	NA	N	NA			
Carbon tetrachloride		12/01/15	11/30/22	21000	2	.	0	.	ID	NA	N	NA			
gamma-BHC (Lindane)	12/01/15	11/30/22	4.99	5	.	0	.	LD	NC	N	NC				
beta-BHC	12/01/15	11/30/22	210	5	.	0	.	LD	NC	N	NC				
alpha-BHC	12/01/15	11/30/22	100	5	.	0	.	LD	NC	N	NC				
1,3-Dichlorobenzene	12/01/15	11/30/22	350	5	.	0	.	LD	NC	N	NC				
Hexachlorobutadiene (HCBd)	12/01/15	11/30/22	550	5	.	0	.	LD	NC	N	NC				
Hexachlorobenzene (HCB)	12/01/15	11/30/22	240	5	.	0	.	LD	NC	N	NC				
Benzo(a)anthracene	12/01/15	11/30/22	1050	5	.	0	.	LD	NC	N	NC				
Heptachlor epoxide	12/01/15	11/30/22	16	5	.	0	.	LD	NC	N	NC				

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1254 - Aquilla Reservoir
AU ID: 1254_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	Toxic Substances in sediment	Fluorene	12/01/15	11/30/22	536	5	.	0	.	LD	NC	N	NC		
		Fluoranthene	12/01/15	11/30/22	2230	5	.	0	.	LD	NC	N	NC		
		Endrin	12/01/15	11/30/22	207	5	.	0	.	LD	NC	N	NC		
		Dieldrin	12/01/15	11/30/22	61.8	5	.	0	.	LD	NC	N	NC		
		Dibenz(a,h)anthracene	12/01/15	11/30/22	135	5	.	0	.	LD	NC	N	NC		
		DDT	12/01/15	11/30/22	62.9	4	.	0	.	LD	NC	N	NC		
		DDE	12/01/15	11/30/22	31.3	4	.	0	.	LD	NC	N	NC		
		DDD	12/01/15	11/30/22	28	4	.	0	.	LD	NC	N	NC		
		Chrysene	12/01/15	11/30/22	1290	5	.	0	.	LD	NC	N	NC		
		Chloromethane	12/01/15	11/30/22	106800	2	.	0	.	ID	NA	N	NA		
		Chlordane	12/01/15	11/30/22	17.6	3	.	0	.	ID	NA	N	NA		
		Bromodichloromethane	12/01/15	11/30/22	14740	2	.	0	.	ID	NA	N	NA		
		Arachlor 1254	12/01/15	11/30/22	340	5	.	0	.	LD	NC	N	NC		
		Benzo(a)pyrene	12/01/15	11/30/22	1450	5	.	0	.	LD	NC	N	NC		
		Anthracene	12/01/15	11/30/22	845	5	.	0	.	LD	NC	N	NC		
		Aldrin	12/01/15	11/30/22	80	4	.	0	.	LD	NC	N	NC		
		Acrylonitrile	12/01/15	11/30/22	1650	2	.	0	.	ID	NA	N	NA		
		Acenaphthylene	12/01/15	11/30/22	128	4	.	0	.	LD	NC	N	NC		
		Acenaphthene	12/01/15	11/30/22	88.9	5	.	0	.	LD	NC	N	NC		
		1,4-Dichlorobenzene	12/01/15	11/30/22	4650	5	.	0	.	LD	NC	N	NC		
		Iron	12/01/15	11/30/22	40000	10	.	0	.	AD	NC	N	NC		
		Zinc	12/01/15	11/30/22	459	11	.	0	.	AD	NC	N	NC		
		Silver	12/01/15	11/30/22	1.7	11	.	0	.	AD	NC	N	NC		
		Nickel	12/01/15	11/30/22	48.6	11	.	0	.	AD	NC	N	NC		
		Mercury	12/01/15	11/30/22	1.06	11	.	0	.	AD	NC	N	NC		
		Manganese	12/01/15	11/30/22	1100	11	.	1	2000	AD	NC	N	NC		
		Lead	12/01/15	11/30/22	128	11	.	0	.	AD	NC	N	NC		
		Copper	12/01/15	11/30/22	149	11	.	0	.	AD	NC	N	NC		
		Chromium	12/01/15	11/30/22	111	10	.	0	.	AD	NC	N	NC		
		Arachlor 1016	12/01/15	11/30/22	530	5	.	0	.	LD	NC	N	NC		
		Cadmium	12/01/15	11/30/22	4.98	11	.	0	.	AD	NC	N	NC		
		Arsenic	12/01/15	11/30/22	33	10	.	0	.	AD	NC	N	NC		
		Phenanthrene	12/01/15	11/30/22	1170	5	.	0	.	LD	NC	N	NC		
		Di-n-butyl phthalate	12/01/15	11/30/22	80000	5	.	0	.	LD	NC	N	NC		
		4-Methyl-2-Pentanone (MIBK)	12/01/15	11/30/22	116590	2	.	0	.	ID	NA	N	NA		
		Tetrachloroethene	12/01/15	11/30/22	8210	2	.	0	.	ID	NA	N	NA		
		delta-BHC	12/01/15	11/30/22	2300	4	.	0	.	LD	NC	N	NC		
		3-Methyl-4-chlorophenol	12/01/15	11/30/22	5620	5	.	0	.	LD	NC	N	NC		
		Di-n-octyl phthalate	12/01/15	11/30/22	1100	5	.	0	.	LD	NC	N	NC		
		2,4-Dinitrotoluene	12/01/15	11/30/22	8020	5	.	0	.	LD	NC	N	NC		
Diazinon	12/01/15	11/30/22	7.3	3	.	0	.	ID	NA	N	NA				
Hexachlorocyclopentadiene	12/01/15	11/30/22	202	4	.	0	.	LD	NC	N	NC				
Phenol (single compound)	12/01/15	11/30/22	210	5	.	0	.	LD	NC	N	NC				
Dimethyl phthalate	12/01/15	11/30/22	8900	5	.	0	.	LD	NC	N	NC				
Diethyl phthalate	12/01/15	11/30/22	11000	5	.	0	.	LD	NC	N	NC				
N-Butyl benzyl phthalate	12/01/15	11/30/22	150000	5	.	0	.	LD	NC	N	NC				
1,1-Dichloroethylene	12/01/15	11/30/22	11200	2	.	0	.	ID	NA	N	NA				
Dibromochloromethane	12/01/15	11/30/22	940	2	.	0	.	ID	NA	N	NA				
Pentachlorophenol (PCP)	12/01/15	11/30/22	1200	3	.	0	.	ID	NA	N	NA				
Endosulfan II (beta)	12/01/15	11/30/22	35	4	.	0	.	LD	NC	N	NC				
Endosulfan I (alpha)	12/01/15	11/30/22	7.4	5	.	0	.	LD	NC	N	NC				
Styrene	12/01/15	11/30/22	61420	2	.	0	.	ID	NA	N	NA				
1,2-Dichloroethane	12/01/15	11/30/22	28680	2	.	0	.	ID	NA	N	NA				

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1254 - Aquilla Reservoir
AU ID: 1254_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	Heptachlor	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Endrin	12/01/15	11/30/22	0.02	4	0.01	0	.	LD	NC	N	NC		
		Dieldrin	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Benzo(a)pyrene	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Aldrin	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		gamma-BHC (Lindane)	12/01/15	11/30/22	0.2	4	0.05	0	.	LD	NC	N	NC		
		Methoxychlor	12/01/15	11/30/22	2.92	4	0.05	0	.	LD	NC	N	NC		
		Hexachlorobenzene (HCB)	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Bis(2-ethylhexyl)phthalate	12/01/15	11/30/22	6	4	1.05	0	.	LD	NC	N	NC		
		Hexachlorocyclopentadiene	12/01/15	11/30/22	10.7	4	0.05	0	.	LD	NC	N	NC		
		Heptachlor epoxide	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
Pentachlorophenol (PCP)	12/01/15	11/30/22	0.22	4	0.11	0	.	LD	NC	N	NC				
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	310	65	41.55	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	110	66	15.43	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	600	80	213.34	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	34	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	34	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	34	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	gamma-BHC (Lindane)	12/01/15	11/30/22	0.2	4	0.05	0	.	LD	NC	N	NC		
		Dieldrin	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Benzo(a)pyrene	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	10	66	0.82	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	65	0.3	0	.	AD	FS	N	FS		
		Bis(2-ethylhexyl)phthalate	12/01/15	11/30/22	6	4	1.05	0	.	LD	NC	N	NC		
		Hexachlorocyclopentadiene	12/01/15	11/30/22	10.7	4	0.05	0	.	LD	NC	N	NC		
		Methoxychlor	12/01/15	11/30/22	2.92	4	0.05	0	.	LD	NC	N	NC		
		Hexachlorobenzene (HCB)	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Aldrin	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Pentachlorophenol (PCP)	12/01/15	11/30/22	0.22	4	0.11	0	.	LD	NC	N	NC		
		Heptachlor epoxide	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Heptachlor	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
	Endrin	12/01/15	11/30/22	0.02	4	0.01	0	0	.	LD	NC	N	NC		
Surface Water Toxic Substances average concern	Atrazine	12/01/15	11/30/22	3	20	0.96	0	.	AD	NC	N	NC			
Alachlor	12/01/15	11/30/22	2	20	0.05	0	0	.	AD	NC	N	NC			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	21	3.64	0	.	AD	FS	N	FS		

**Seg ID: 1254 - Aquilla Reservoir
AU ID: 1254_SA2**

Use	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	Benzo(a)pyrene	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC			
		Aldrin	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC			
		Hexachlorobenzene (HCB)	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC			
		Heptachlor epoxide	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC			
		Heptachlor	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC			
		Endrin	12/01/15	11/30/22	0.02	4	0.01	0	0	.	LD	NC	N	NC		
		Dieldrin	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC			
		Bis(2-ethylhexyl)phthalate	12/01/15	11/30/22	6	4	1.05	0	0	.	LD	NC	N	NC		
		Pentachlorophenol (PCP)	12/01/15	11/30/22	0.22	4	0.11	0	0	.	LD	NC	N	NC		
		gamma-BHC (Lindane)	12/01/15	11/30/22	0.2	4	0.05	0	0	.	LD	NC	N	NC		
		Methoxychlor	12/01/15	11/30/22	2.92	4	0.05	0	0	.	LD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1254 - Aquilla Reservoir AU ID: 1254_SA2															
Use	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	Hexachlorocyclopentadiene	12/01/15	11/30/22	10.7	4	0.05	0	.	LD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	310	65	41.55	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	110	66	15.43	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	600	80	213.34	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Dieldrin	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Benzo(a)pyrene	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Aldrin	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	10	66	0.82	0	.	AD	FS	N	FS		
		Bis(2-ethylhexyl)phthalate	12/01/15	11/30/22	6	4	1.05	0	.	LD	NC	N	NC		
		Fluoride	12/01/15	11/30/22	4	65	0.3	0	.	AD	FS	N	FS		
		Hexachlorocyclopentadiene	12/01/15	11/30/22	10.7	4	0.05	0	.	LD	NC	N	NC		
		Pentachlorophenol (PCP)	12/01/15	11/30/22	0.22	4	0.11	0	.	LD	NC	N	NC		
		gamma-BHC (Lindane)	12/01/15	11/30/22	0.2	4	0.05	0	.	LD	NC	N	NC		
		Methoxychlor	12/01/15	11/30/22	2.92	4	0.05	0	.	LD	NC	N	NC		
		Hexachlorobenzene (HCB)	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Heptachlor epoxide	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
	Heptachlor	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC			
	Endrin	12/01/15	11/30/22	0.02	4	0.01	0	.	LD	NC	N	NC			
Surface Water Toxic Substances average concern	Atrazine	12/01/15	11/30/22	3	20	0.96	0	.	AD	NC	N	NC			
	Alachlor	12/01/15	11/30/22	2	20	0.05	0	.	AD	NC	N	NC			

Seg ID: 1254 - Aquilla Reservoir AU ID: 1254_SA3															
Use	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	Pentachlorophenol (PCP)	12/01/15	11/30/22	0.22	4	0.11	0	.	LD	NC	N	NC		
		gamma-BHC (Lindane)	12/01/15	11/30/22	0.2	4	0.05	0	.	LD	NC	N	NC		
		Methoxychlor	12/01/15	11/30/22	2.92	4	0.05	0	.	LD	NC	N	NC		
		Hexachlorobenzene (HCB)	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Heptachlor epoxide	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Heptachlor	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Endrin	12/01/15	11/30/22	0.02	4	0.01	0	.	LD	NC	N	NC		
		Dieldrin	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Benzo(a)pyrene	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Aldrin	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Bis(2-ethylhexyl)phthalate	12/01/15	11/30/22	6	4	1.05	0	.	LD	NC	N	NC		
Hexachlorocyclopentadiene	12/01/15	11/30/22	10.7	4	0.05	0	.	LD	NC	N	NC				
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	310	65	41.55	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	110	66	15.43	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	600	80	213.34	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	gamma-BHC (Lindane)	12/01/15	11/30/22	0.2	4	0.05	0	.	LD	NC	N	NC		
		Bis(2-ethylhexyl)phthalate	12/01/15	11/30/22	6	4	1.05	0	.	LD	NC	N	NC		
		Methoxychlor	12/01/15	11/30/22	2.92	4	0.05	0	.	LD	NC	N	NC		
		Hexachlorobenzene (HCB)	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Heptachlor epoxide	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Endrin	12/01/15	11/30/22	0.02	4	0.01	0	.	LD	NC	N	NC		
		Dieldrin	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Benzo(a)pyrene	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	10	66	0.82	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	65	0.3	0	.	AD	FS	N	FS		
Aldrin	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC				

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1254 - Aquilla Reservoir
AU ID: 1254_SA3**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Public Water Supply Use	Surface Water HH criteria for PWS average	Heptachlor	12/01/15	11/30/22	0	4	0	0	.	LD	NC	N	NC		
		Hexachlorocyclopentadiene	12/01/15	11/30/22	10.7	4	0.05	0	.	LD	NC	N	NC		
		Pentachlorophenol (PCP)	12/01/15	11/30/22	0.22	4	0.11	0	.	LD	NC	N	NC		
	Surface Water Toxic Substances average concern	Atrazine	12/01/15	11/30/22	3	20	0.96	0	.	AD	NC	N	NC		
		Alachlor	12/01/15	11/30/22	2	20	0.05	0	.	AD	NC	N	NC		

**Seg ID: 1254A - Hackberry Creek
AU ID: 1254A_01**

Use	Method	Parameter	Start Date	End 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	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Ammonia in water	
		Nitrate	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Nitrate in water	

**Seg ID: 1255 - Upper North Bosque River
AU ID: 1255_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	150	.	1	2.4	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	150	.	3	3.1	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	150	19	111.59	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	200	19	147.23	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	1000	283	669.69	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	150	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	150	.	0	.	AD	FS	N	FS		
	Nutrient Enrichment	Algae	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Excessive algal growth in water	4a
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	153	.	60	36.88	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	157	.	20	1.04	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	158	.	21	2.63	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	150	.	134	7.18	AD	CS	N	CS	Nitrate in water	
Water Temperature	Water temperature	12/01/15	11/30/22	32.8	150	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	78	136.05	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 1255 - Upper North Bosque River
AU ID: 1255_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Depressed dissolved oxygen in water	
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	133	.	16	2.03	SM	CN	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	133	.	26	2.53	SM	CS	N	NA		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	150	19	111.59	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	200	19	147.23	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	1000	283	669.69	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	133	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	133	.	0	.	AD	FS	N	FS		
	Nutrient Enrichment	Algae	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Excessive algal growth in water	4a

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1255 - Upper North Bosque River

AU ID: 1255_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	Chlorophyll-a	12/01/15	11/30/22	14.1	134	.	83	48.74	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	136	.	7	1.04	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	137	.	2	1.23	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	126	.	12	2.94	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.8	133	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	66	139.46	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 1255A - Goose Branch

AU ID: 1255A_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	1.5	2	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	2	2	.	0	.	ID	NA	N	NA		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	2	.	1	0.98	ID	NA	Y	CS	Ammonia in water	
		Chlorophyll-a	12/01/15	11/30/22	14.1	2	.	1	18.8	ID	NA	Y	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	2	.	1	1.04	ID	NA	Y	CS	Total Phosphorus in water	
		Nitrate	12/01/15	11/30/22	1.95	2	.	0	.	ID	NA	Y	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	1030	2	579.66	0	.	ID	NA	Y	NS	Bacteria in water	5c

Seg ID: 1255B - North Fork Upper North Bosque River

AU ID: 1255B_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water	

Seg ID: 1255C - Scarborough Creek

AU ID: 1255C_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	1.5	2	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	2	2	.	0	.	ID	NA	N	NA		
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	2	.	0	.	ID	NA	Y	CS	Nitrate in water	
		Chlorophyll-a	12/01/15	11/30/22	14.1	2	.	1	68.6	ID	NA	Y	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	2	.	2	1.14	ID	NA	Y	CS	Total Phosphorus in water	
		Ammonia	12/01/15	11/30/22	0.33	2	.	1	0.7	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	1030	2	558.57	0	.	ID	NA	Y	NS	Bacteria in water	5c

Seg ID: 1255D - South Fork Upper North Bosque River

AU ID: 1255D_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Bacteria in water	5c

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1255E - Unnamed Tributary of Goose Branch
AU ID: 1255E_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	1.5	3	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	2	3	.	0	.	ID	NA	N	NA		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	3	.	3	1.71	ID	NA	Y	CS	Ammonia in water	
		Chlorophyll-a	12/01/15	11/30/22	14.1	3	.	2	48.05	ID	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.69	3	.	3	3.88	ID	NA	Y	CS	Total Phosphorus in water	
		Nitrate	12/01/15	11/30/22	1.95	3	.	1	2.1	ID	NA	Y	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	1030	3	494.75	0	.	ID	NA	Y	NS	Bacteria in water	5c

**Seg ID: 1255G - Woodhollow Branch
AU ID: 1255G_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	1.5	1	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	2	1	.	0	.	ID	NA	N	NA		
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	1	.	0	.	ID	NA	N	NA		
		Chlorophyll-a	12/01/15	11/30/22	14.1	1	.	0	.	ID	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.69	1	.	1	0.82	ID	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.33	1	.	1	1.13	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	1030	1	2400	1	.	ID	NA	Y	NS	Bacteria in water	5c

**Seg ID: 1255H - South Fork Upper North Bosque River Reservoir
AU ID: 1255H_01**

Use	Method	Parameter	Start Date	End 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	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	

**Seg ID: 1256 - Brazos River/Lake Brazos
AU ID: 1256_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	200	45	62.24	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	400	44	106.55	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	1150	46	483.19	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	45	0.17	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	42	0.46	0	.	AD	FS	N	FS		

**Seg ID: 1256 - Brazos River/Lake Brazos
AU ID: 1256_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	23	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	23	.	1	4.48	AD	NC	N	NC		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1256 - Brazos River/Lake Brazos

AU ID: 1256_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	12/01/15	11/30/22	200	45	62.24	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	400	44	106.55	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	1150	46	483.19	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	23	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	23	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	20	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	21	.	1	2.46	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	19	.	6	23.02	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	23	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	23	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	45	0.17	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	42	0.46	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	11/17/15	11/30/22	126	20	45.73	0	.	AD	FS	N	FS		

Seg ID: 1256 - Brazos River/Lake Brazos

AU ID: 1256_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	23	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	23	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	200	45	62.24	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	400	44	106.55	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	1150	46	483.19	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	23	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	23	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	19	.	8	26.34	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	23	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	22	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	21	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	23	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	45	0.17	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	42	0.46	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	20	16.21	0	.	AD	FS	N	FS		

Seg ID: 1256A - Aquilla Creek

AU ID: 1256A_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	28	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	26	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	26	.	4	18.1	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	26	.	1	0.95	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	26	.	5	3.01	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	125.99	0	.	AD	FS	N	FS		

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

**Seg ID: 1257 - Brazos River Below Lake Whitney
AU ID: 1257_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	101	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	101	.	2	4.2	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	1450	102	723.77	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	450	97	230.78	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	250	100	118.89	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	99	.	1	9.1	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	99	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	100	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	96	.	3	20.5	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	97	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	95	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	35	101	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	95	0.12	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	22	0.17	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	97	24.81	0	.	AD	FS	N	FS		

**Seg ID: 1257 - Brazos River Below Lake Whitney
AU ID: 1257_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	12/01/15	11/30/22	250	100	118.89	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	450	97	230.78	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	1450	102	723.77	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	22	0.17	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	95	0.12	0	.	AD	FS	N	FS		

**Seg ID: 1259 - Leon River Above Belton Lake
AU ID: 1259_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	77	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	77	.	2	4.1	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	76	35.45	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	150	76	53.15	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	900	77	367.94	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	77	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	77	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	77	.	56	40.51	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	77	.	2	1.02	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	77	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	75	.	7	2.5	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	77	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	75	0.89	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	74	159.78	1	.	AD	NS	N	NS	Bacteria in water	5r

Draft 2024 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River

Seg ID: 1259 - Leon River Above Belton Lake

AU ID: 1259_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	Chloride	12/01/15	11/30/22	150	76	53.15	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	100	76	35.45	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	900	77	367.94	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Nitrate in water	
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	75	0.89	0	.	AD	FS	N	FS		

Seg ID: 1259 - Leon River Above Belton Lake

AU ID: 1259_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	Sulfate	12/01/15	11/30/22	100	76	35.45	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	900	77	367.94	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	150	76	53.15	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water	
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	75	0.89	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Bacteria in water	5r