

Explanation of Column Headings

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

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

Start Date: The start date of the period of record data for this method was selected; the official 2022 period of record is from 12/1/2013 to 11/30/2020. In some cases it may be necessary to extend the period of record back 10 years (12/1/2010) to select more data, according to assessment guidance.

End Date: The end date of the period of record data for this method was selected; the official 2022 period of record dates are 12/1/2013 to 11/30/2020. In some cases more recently collected data than 12/01/2020 can be included, if available

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

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

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

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

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

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

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

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

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

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

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

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

Cat:

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

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

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

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

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

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

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

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

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

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

2022 Texas Integrated Report - Assessment Results for Basin 1 - Canadian River

**Seg ID: 0101 - Canadian River Below Lake Meredith
AU ID: 0101_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	25	.	0	.	AD	NC	N	NC		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Mercury	12/01/10	11/30/20	0.01	9	0	0	.	LD	NC	N	NC		
		Nickel (dissolved)	12/01/10	11/30/20	1140	8	2.87	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/10	11/30/20	3.83	6	0.29	0	.	LD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	760	96	465.65	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	1975	96	1535.33	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	5000	99	3314.65	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	25	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	25	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/13	11/30/20	14.1	25	.	2	28.15	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	25	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	24	.	0	.	AD	NC	N	NC		
Ammonia		12/01/13	11/30/20	0.33	25	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	35	25	.	1	35.3	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	25	19.4	0	.	AD	FS	N	FS		

**Seg ID: 0101 - Canadian River Below Lake Meredith
AU ID: 0101_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	25	.	0	.	AD	NC	N	NC		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/10	11/30/20	3.83	6	0.29	0	.	LD	NC	N	NC		
		Mercury	12/01/10	11/30/20	0.01	9	0	0	.	LD	NC	N	NC		
		Nickel (dissolved)	12/01/10	11/30/20	1140	8	2.87	0	.	LD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	760	96	465.65	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	1975	96	1535.33	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	5000	99	3314.65	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	25	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	25	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/13	11/30/20	14.1	25	.	5	30.94	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	24	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	25	.	0	.	AD	NC	N	NC		
Ammonia		12/01/13	11/30/20	0.33	25	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	35	25	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	23	55.04	0	.	AD	FS	N	FS		

**Seg ID: 0101 - Canadian River Below Lake Meredith
AU ID: 0101_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	27	.	1	4.5	AD	NC	N	NC		

2022 Texas Integrated Report - Assessment Results for Basin 1 - Canadian River

Seg ID: 0101 - Canadian River Below Lake Meredith
AU ID: 0101_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/10	11/30/20	1140	8	2.87	0	.	LD	NC	N	NC		
		Mercury	12/01/10	11/30/20	0.01	9	0	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/10	11/30/20	3.83	6	0.29	0	.	LD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	5000	99	3314.65	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	760	96	465.65	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	1975	96	1535.33	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	27	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	27	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	24	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	25	.	11	0.42	AD	CS	N	CS	Ammonia in water	
		Nitrate	12/01/13	11/30/20	1.95	26	.	7	4.2	AD	NC	N	NC		
Chlorophyll-a		12/01/13	11/30/20	14.1	24	.	6	49.43	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	35	27	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	23	102.27	0	.	AD	FS	N	FS		

Seg ID: 0101 - Canadian River Below Lake Meredith
AU ID: 0101_04

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Acute Toxic Substances in water	Cadmium (dissolved)	12/01/10	11/30/20	117.73	8	.	0	.	LD	NC	N	NC		
		Arsenic (dissolved)	12/01/10	11/30/20	340	9	.	0	.	LD	NC	N	NC		
		Chromium (Tri)(dissolved)	12/01/10	11/30/20	5206.36	10	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/10	11/30/20	991	10	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/10	11/30/20	181.02	7	.	0	.	LD	NC	N	NC		
		Silver (ionic)	12/01/13	11/30/20	0.8	9	.	0	.	LD	NC	N	NC		
		Nickel (dissolved)	12/01/10	11/30/20	4602.36	10	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/10	11/30/20	1155.84	10	.	0	.	AD	FS	N	FS		
		Mercury	12/01/10	11/30/20	2.4	11	.	0	.	AD	FS	N	FS		
		Selenium	12/01/10	11/30/20	20	8	.	0	.	LD	NC	N	NC		
	Lead (dissolved)	12/01/10	11/30/20	1010.66	8	.	0	.	LD	NC	N	NC			
	Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/10	11/30/20	0.44	6	0.14	0	.	LD	NC	N	NC		
		Arsenic (dissolved)	12/01/10	11/30/20	150	7	13.8	0	.	LD	NC	N	NC		
		Copper (dissolved)	12/01/10	11/30/20	19.51	5	3.39	0	.	LD	NC	N	NC		
		Zinc (dissolved)	12/01/10	11/30/20	241.91	8	2	0	.	LD	NC	N	NC		
		Selenium	12/01/10	11/30/20	5	6	4.91	0	.	LD	NC	N	NC		
		Nickel (dissolved)	12/01/10	11/30/20	106.38	8	2.87	0	.	LD	NC	N	NC		
		Mercury	12/01/10	11/30/20	1.3	9	0	0	.	LD	NC	N	NC		
		Chromium (Tri)(dissolved)	12/01/10	11/30/20	148.17	8	2	0	.	LD	NC	N	NC		
	Lead (dissolved)	12/01/10	11/30/20	6.24	6	0.29	0	.	LD	NC	N	NC			
Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	21	.	1	2.3	AD	FS	N	FS			
Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	21	.	4	3.65	AD	CS	N	CS	Depressed dissolved oxygen in water		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/10	11/30/20	1140	8	2.87	0	.	LD	NC	N	NC		
		Mercury	12/01/10	11/30/20	0.01	9	0	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/10	11/30/20	3.83	6	0.29	0	.	LD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/13	11/30/20	1975	96	1535.33	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	5000	99	3314.65	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	760	96	465.65	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	21	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	21	.	1	3.8	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 1 - Canadian River

Seg ID: 0101 - Canadian River Below Lake Meredith

AU ID: 0101_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	12/01/13	11/30/20	14.1	20	.	11	83.02	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	21	.	12	1.34	AD	CS	N	CS	Ammonia in water	
		Total phosphorus	12/01/13	11/30/20	0.69	21	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	21	.	1	2.57	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	35	22	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	21	51.95	0	.	AD	FS	N	FS		

Seg ID: 0101A - Dixon Creek

AU ID: 0101A_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Acute Toxic Substances in water	Lead (dissolved)	12/01/10	11/30/20	427.4	15	.	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/10	11/30/20	77.52	14	.	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/10	11/30/20	2490.98	15	.	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/10	11/30/20	49.29	15	.	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/10	11/30/20	340	14	.	0	.	AD	FS	N	FS			
		Aluminum (dissolved)	12/01/10	11/30/20	991	14	.	0	.	AD	FS	N	FS			
		Zinc (dissolved)	12/01/10	11/30/20	539.1	14	.	0	.	AD	FS	N	FS			
		Selenium	12/01/10	11/30/20	20	15	.	0	.	AD	FS	N	FS			
		Silver (ionic)	12/01/13	11/30/20	0.8	3	.	0	.	ID	NA	N	NA			
		Nickel (dissolved)	12/01/10	11/30/20	2149.13	14	.	0	.	AD	FS	N	FS			
	Mercury	12/01/10	11/30/20	2.4	15	.	0	.	AD	FS	N	FS				
	Chronic Toxic Substances in water	Copper (dissolved)	12/01/10	11/30/20	19.51	14	1.96	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/10	11/30/20	148.17	15	1.93	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/10	11/30/20	0.44	15	0.16	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/10	11/30/20	150	14	14.76	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/10	11/30/20	6.24	15	0.32	0	.	AD	FS	N	FS			
		Zinc (dissolved)	12/01/10	11/30/20	241.91	14	5.43	0	.	AD	FS	N	FS			
		Selenium	12/01/10	11/30/20	5	15	6.59	1	.	AD	NS	N	NS	Selenium in water	5c	
		Nickel (dissolved)	12/01/10	11/30/20	106.38	14	5.18	0	.	AD	FS	N	FS			
	Mercury	12/01/10	11/30/20	1.3	15	0	0	.	AD	FS	N	FS				
	Dissolved Oxygen	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	4	8	.	1	3.1	SM	NC	N	NA		
		Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	2	8	.	0	.	SM	NC	N	NA		
		Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	23	.	0	.	AD	FS	Y	NS	Depressed dissolved oxygen in water	5c
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4	23	.	0	.	AD	NC	N	NC		
	Toxic Substances in sediment	Lead	12/01/10	11/30/20	128	6	.	0	.	LD	NC	N	NC			
		Iron	12/01/10	11/30/20	40000	5	.	0	.	LD	NC	N	NC			
		Copper	12/01/10	11/30/20	149	6	.	0	.	LD	NC	N	NC			
		Chromium	12/01/10	11/30/20	111	6	.	0	.	LD	NC	N	NC			
		Cadmium	12/01/10	11/30/20	4.98	6	.	0	.	LD	NC	N	NC			
		Arsenic	12/01/10	11/30/20	33	6	.	0	.	LD	NC	N	NC			
Zinc		12/01/10	11/30/20	459	6	.	0	.	LD	NC	N	NC				
Silver		12/01/10	11/30/20	1.7	6	.	0	.	LD	NC	N	NC				
Mercury		12/01/10	11/30/20	1.06	5	.	0	.	LD	NC	N	NC				
Nickel		12/01/10	11/30/20	48.6	6	.	0	.	LD	NC	N	NC				
Manganese	12/01/10	11/30/20	1100	5	.	0	.	LD	NC	N	NC					
Fish Consumption Use	HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/10	11/30/20	18670	13	11.15	0	.	AD	FS	N	FS			
		Dichloromethane	12/01/10	11/30/20	133330	13	11.15	0	.	AD	FS	N	FS			
		Dibromochloromethane	12/01/10	11/30/20	1830	13	11.15	0	.	AD	FS	N	FS			
		Chloroform	12/01/10	11/30/20	76970	13	11.15	0	.	AD	FS	N	FS			
		Chlorobenzene	12/01/10	11/30/20	27370	13	11.15	0	.	AD	FS	N	FS			
		Carbon tetrachloride	12/01/10	11/30/20	460	13	11.15	0	.	AD	FS	N	FS			
		Bromoform	12/01/10	11/30/20	10600	13	11.15	0	.	AD	FS	N	FS			

2022 Texas Integrated Report - Assessment Results for Basin 1 - Canadian River

Seg ID: 0101A - Dixon Creek
AU ID: 0101A_01

Use	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	Bromodichloromethane	12/01/10	11/30/20	2750	13	11.15	0	.	AD	FS	N	FS		
		Benzene	12/01/10	11/30/20	5810	13	11.15	0	.	AD	FS	N	FS		
		1,2-Dichloropropane	12/01/10	11/30/20	2590	13	11.15	0	.	AD	FS	N	FS		
		1,1-Dichloroethylene	12/01/10	11/30/20	551140	13	11.15	0	.	AD	FS	N	FS		
		1,2-Dibromoethane	12/01/10	11/30/20	42.4	13	9.69	0	.	AD	FS	N	FS		
		1,1,2-Trichloroethane	12/01/10	11/30/20	1660	13	11.15	0	.	AD	FS	N	FS		
		1,1,1-Trichloroethane	12/01/10	11/30/20	7843540	13	11.15	0	.	AD	FS	N	FS		
		1,2-Dichlorobenzene	12/01/10	11/30/20	32990	1	0.5	0	.	ID	NA	N	NA		
		1,2-Dichloroethane	12/01/10	11/30/20	3640	13	11.15	0	.	AD	FS	N	FS		
		1,1,2,2-Tetrachloroethane	12/01/10	11/30/20	263.5	13	11.15	0	.	AD	FS	N	FS		
		Vinyl chloride	12/01/10	11/30/20	165	12	11.88	0	.	AD	FS	N	FS		
		Trichloroethene	12/01/10	11/30/20	719	13	11.15	0	.	AD	FS	N	FS		
		Tetrachloroethene	12/01/10	11/30/20	2800	13	11.15	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/10	11/30/20	11400	14	5.18	0	.	AD	FS	N	FS		
		Acrylonitrile	12/01/10	11/30/20	1150	6	21.25	0	.	LD	NC	N	NC		
		Methyl ethyl ketone	12/01/10	11/30/20	9920000	12	15	0	.	AD	FS	N	FS		
		Mercury	12/01/10	11/30/20	0.12	15	0	0	.	AD	FS	N	FS		
1,3-Dichlorobenzene	12/01/10	11/30/20	5950	1	0.5	0	.	ID	NA	N	NA				
Lead (dissolved)	12/01/10	11/30/20	38.3	15	0.32	0	.	AD	FS	N	FS				
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/13	11/30/20	14.1	20	.	2	14.25	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	20	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	21	.	7	0.87	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	23	.	16	8.43	AD	CS	N	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	630	20	393.31	0	.	AD	FS	N	FS		

Seg ID: 0101A - Dixon Creek
AU ID: 0101A_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	12	.	0	.	AD	FS	N	FS		
		Dissolved oxygen Grab	12/01/13	11/30/20	4	12	.	0	.	AD	NC	N	NC		
	Toxic Substances in sediment	Zinc	12/01/10	11/30/20	459	6	.	0	.	LD	NC	N	NC		
		Silver	12/01/10	11/30/20	1.7	6	.	0	.	LD	NC	N	NC		
		Nickel	12/01/10	11/30/20	48.6	6	.	0	.	LD	NC	N	NC		
		Mercury	12/01/10	11/30/20	1.06	5	.	0	.	LD	NC	N	NC		
		Manganese	12/01/10	11/30/20	1100	5	.	0	.	LD	NC	N	NC		
		Lead	12/01/10	11/30/20	128	6	.	0	.	LD	NC	N	NC		
		Iron	12/01/10	11/30/20	40000	5	.	0	.	LD	NC	N	NC		
		Copper	12/01/10	11/30/20	149	6	.	0	.	LD	NC	N	NC		
		Chromium	12/01/10	11/30/20	111	6	.	0	.	LD	NC	N	NC		
		Cadmium	12/01/10	11/30/20	4.98	6	.	0	.	LD	NC	N	NC		
		Arsenic	12/01/10	11/30/20	33	6	.	0	.	LD	NC	N	NC		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Vinyl chloride	12/01/10	11/30/20	165	12	11.88	0	.	AD	FS	N	FS		
		Trichloroethene	12/01/10	11/30/20	719	13	11.15	0	.	AD	FS	N	FS		
		Tetrachloroethene	12/01/10	11/30/20	2800	13	11.15	0	.	AD	FS	N	FS		
		Methyl ethyl ketone	12/01/10	11/30/20	9920000	12	15	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/10	11/30/20	38.3	15	0.32	0	.	AD	FS	N	FS		
		Ethylbenzene	12/01/10	11/30/20	18670	13	11.15	0	.	AD	FS	N	FS		
		Dichloromethane	12/01/10	11/30/20	133330	13	11.15	0	.	AD	FS	N	FS		
		Dibromochloromethane	12/01/10	11/30/20	1830	13	11.15	0	.	AD	FS	N	FS		
		Chloroform	12/01/10	11/30/20	76970	13	11.15	0	.	AD	FS	N	FS		
		Chlorobenzene	12/01/10	11/30/20	27370	13	11.15	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 1 - Canadian River

Seg ID: 0101A - Dixon Creek
AU ID: 0101A_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	12/01/10	11/30/20	0.12	15	0	0	.	AD	FS	N	FS		
		Carbon tetrachloride	12/01/10	11/30/20	460	13	11.15	0	.	AD	FS	N	FS		
		Bromodichloromethane	12/01/10	11/30/20	2750	13	11.15	0	.	AD	FS	N	FS		
		Benzene	12/01/10	11/30/20	5810	13	11.15	0	.	AD	FS	N	FS		
		Bromoform	12/01/10	11/30/20	10600	13	11.15	0	.	AD	FS	N	FS		
		Acrylonitrile	12/01/10	11/30/20	1150	6	21.25	0	.	LD	NC	N	NC		
		Nickel (dissolved)	12/01/10	11/30/20	11400	14	5.18	0	.	AD	FS	N	FS		
		1,3-Dichlorobenzene	12/01/10	11/30/20	5950	1	0.5	0	.	ID	NA	N	NA		
		1,2-Dichloroethane	12/01/10	11/30/20	3640	13	11.15	0	.	AD	FS	N	FS		
		1,2-Dichloropropane	12/01/10	11/30/20	2590	13	11.15	0	.	AD	FS	N	FS		
		1,2-Dichlorobenzene	12/01/10	11/30/20	32990	1	0.5	0	.	ID	NA	N	NA		
		1,2-Dibromoethane	12/01/10	11/30/20	42.4	13	9.69	0	.	AD	FS	N	FS		
		1,1-Dichloroethylene	12/01/10	11/30/20	551140	13	11.15	0	.	AD	FS	N	FS		
		1,1,2-Trichloroethane	12/01/10	11/30/20	1660	13	11.15	0	.	AD	FS	N	FS		
1,1,2,2-Tetrachloroethane	12/01/10	11/30/20	263.5	13	11.15	0	.	AD	FS	N	FS				
1,1,1-Trichloroethane	12/01/10	11/30/20	7843540	13	11.15	0	.	AD	FS	N	FS				
General Use	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	12	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	12	.	4	24.75	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	12	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	11	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/10	11/30/20	630	13	22.14	0	.	LD	NC	N	NC		

Seg ID: 0101B - Rock Creek
AU ID: 0101B_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	24	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	24	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	24	.	3	1.01	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	25	.	11	5	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	25	.	7	68.19	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	25	.	1	0.35	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	22	133.61	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0101C - White Deer Creek
AU ID: 0101C_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	25	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	24	.	1	1.75	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	25	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	25	.	4	19.93	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	25	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	24	36.8	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 1 - Canadian River

Seg ID: 0102 - Lake Meredith
AU ID: 0102_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	4	22	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	6	22	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	24	0.04	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	24	0.52	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	1300	22	2091.82	1	.	AD	NS	N	NS	Total dissolved solids in water	5c
		Sulfate	12/01/13	11/30/20	350	23	355.13	1	.	AD	NS	N	NS	Sulfate in water	5c
		Chloride	12/01/13	11/30/20	400	22	727.77	1	.	AD	NS	N	NS	Chloride in water	5c
	High pH	pH	12/01/13	11/30/20	9	21	.	2	10.6	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	21	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	0.37	24	.	0	.	JQ	NA	N	NA		
		Total phosphorus	12/01/13	11/30/20	0.2	22	.	0	.	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	21	.	2	38.7	JQ	NA	N	NA		
Ammonia	12/01/13	11/30/20	0.11	22	.	0	.	JQ	NA	N	NA				
Water Temperature	Water temperature	12/01/13	11/30/20	29.4	22	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	21	1.97	0	.	AD	FS	N	FS		

Seg ID: 0102 - Lake Meredith
AU ID: 0102_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	24	0.04	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	24	0.52	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	1300	22	2091.82	1	.	AD	NS	N	NS	Total dissolved solids in water	5c
		Sulfate	12/01/13	11/30/20	350	23	355.13	1	.	AD	NS	N	NS	Sulfate in water	5c
		Chloride	12/01/13	11/30/20	400	22	727.77	1	.	AD	NS	N	NS	Chloride in water	5c

Seg ID: 0102A - Big Blue Creek
AU ID: 0102A_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	1.5	19	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	2	19	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	18	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	19	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	19	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	19	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/12	11/30/20	126	20	8.72	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 1 - Canadian River

Seg ID: 0103 - Canadian River Above Lake Meredith
AU ID: 0103_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	25	.	1	3.8	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	4500	73	3662.14	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	540	46	416.18	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	1050	46	1747.26	1	.	AD	NS	N	NS	Chloride in water	5c
	High pH	pH	12/01/13	11/30/20	9	25	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	25	.	0	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/13	11/30/20	35	25	.	1	36.2	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	24	64.75	0	.	AD	FS	N	FS		

Seg ID: 0103 - Canadian River Above Lake Meredith
AU ID: 0103_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	23	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	23	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/13	11/30/20	1050	46	1747.26	1	.	AD	NS	N	NS	Chloride in water	5c
		Total dissolved solids	12/01/13	11/30/20	4500	73	3662.14	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	540	46	416.18	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	25	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	25	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	24	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	23	.	2	53.7	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	24	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	21	.	4	1.74	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	35	23	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	23	76.1	0	.	AD	FS	N	FS		

Seg ID: 0103 - Canadian River Above Lake Meredith
AU ID: 0103_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	23	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	23	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	4500	73	3662.14	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	540	46	416.18	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	1050	46	1747.26	1	.	AD	NS	N	NS	Chloride in water	5c
	High pH	pH	12/01/13	11/30/20	9	23	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	23	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	19	.	1	0.87	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	23	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	21	.	1	19.3	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	21	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	35	23	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	07/01/13	11/30/20	126	20	33.38	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 1 - Canadian River

Seg ID: 0103A - East Amarillo Creek

AU ID: 0103A_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	1.5	67	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	2	67	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	64	.	12	1.15	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	67	.	27	26.64	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	66	.	27	51.07	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	67	.	3	3.13	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	64	204.05	1	.	AD	NS	N	NS	Bacteria in water	5b

Seg ID: 0103A - East Amarillo Creek

AU ID: 0103A_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	1.5	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	2	25	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	24	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	25	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	25	.	20	79.26	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	25	.	8	0.49	AD	CS	N	CS	Ammonia in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	24	121.8	0	.	AD	FS	N	FS		

Seg ID: 0103C - Unnamed Tributary of West Amarillo Creek

AU ID: 0103C_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	26	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	25	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	26	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	26	.	12	30.11	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	26	.	1	0.42	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	24	73.85	0	.	AD	FS	N	FS		

Seg ID: 0104 - Wolf Creek

AU ID: 0104_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	12	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	12	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	1125	58	534.93	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	125	56	37.21	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	420	56	135.56	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	12	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	12	.	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 1 - Canadian River

Seg ID: 0104 - Wolf Creek
AU ID: 0104_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	12	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	13	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	13	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	13	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	12	.	3	34.63	AD	NS	N	NS	Temperature in water	5c
Recreation Use	Bacteria Geomean	E. coli	12/01/10	11/30/20	126	16	19.77	0	.	LD	NC	N	NC		

Seg ID: 0104 - Wolf Creek
AU ID: 0104_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	12/01/10	11/30/20	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/10	11/30/20	5	27	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	1125	58	534.93	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	125	56	37.21	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	420	56	135.56	0	.	AD	FS	N	FS		
	High pH	pH	12/01/10	11/30/20	9	27	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/10	11/30/20	6.5	27	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/10	11/30/20	0.69	34	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/10	11/30/20	1.95	34	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/10	11/30/20	14.1	35	.	5	23.24	AD	NC	N	NC		
Ammonia		12/01/10	11/30/20	0.33	35	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/10	11/30/20	33.9	27	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/10	11/30/20	126	34	25.16	0	.	AD	FS	N	FS		

Seg ID: 0104 - Wolf Creek
AU ID: 0104_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	22	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	22	.	2	4.07	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	1125	58	534.93	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	125	56	37.21	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	420	56	135.56	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	22	.	1	9.1	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	22	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	20	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	22	.	1	14.4	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	22	.	17	64.01	AD	CS	N	CS	Chlorophyll-a in water	
Ammonia		12/01/13	11/30/20	0.33	20	.	1	0.58	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	23	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	20	4.02	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 1 - Canadian River

**Seg ID: 0105 - Rita Blanca Lake
AU ID: 0105_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	18	.	1	1.4	AD	FS	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	18	.	2	2.15	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	1000	20	684.97	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	200	20	72.72	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	200	19	144.82	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	20	.	17	9.68	AD	NS	N	NS	High pH in water	5c
	Low pH	pH	12/01/13	11/30/20	6.5	20	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	18	.	18	2.51	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	19	.	6	1.77	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	16	.	15	685.11	JQ	NA	N	NA		
Ammonia		12/01/13	11/30/20	0.11	19	.	14	1.37	JQ	NA	N	NA			
Water Temperature	Water temperature	12/01/13	11/30/20	29.4	19	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	07/01/12	11/30/20	126	20	14.31	0	.	AD	FS	N	FS		

**Seg ID: 0199A - Palo Duro Reservoir
AU ID: 0199A_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	15	.	1	0.4	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	15	.	1	0.4	AD	NC	N	NC		
General Use	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	CS	N	CS	Excessive algal growth in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/10	11/30/20	126	19	10.59	0	.	LD	NC	N	NC		

**Seg ID: 0199B - Kiowa Creek
AU ID: 0199B_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	15	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	15	.	1	2	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	13	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	14	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	14	.	5	41.7	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	15	.	1	0.72	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/10	11/30/20	126	15	137.78	1	.	LD	CN	N	CN	Bacteria in water	