

*Presented below are water quality standards that are in effect for Clean Water Act purposes.*

*EPA is posting these standards as a convenience to users and has made a reasonable effort to assure their accuracy. Additionally, EPA has made a reasonable effort to identify parts of the standards that are not approved, disapproved, or are otherwise not in effect for Clean Water Act purposes.*

**EPA-approved Water Effects Ratios (WERs) and Site-specific Criteria for Texas Surface Water Quality Standards**  
(updated March 25, 2020)

Segment	Water Body	TPDES Permit <sup>1</sup>	Facility	Parameter	WER <sup>2</sup>	Site-specific Criteria <sup>3</sup>	EPA Approval
0202	Unnamed tributary to Smith Creek	0003021-000	Paris Generation LP	Copper	Biotic Ligand Model	Acute: 37.28 µg/L	03/25/2020
0601	Entergy Canal and tidal marshes	0000336-000	Entergy Texas	copper	1.83 (dissolved) 2.3 (total)	Acute: 24.71 µg/L Chronic: 6.59 µg/L	12/02/2019
0702	Taylor Bayou Tidal	00309-000	Premcor Refining Group	copper	2.945 (dissolved)	Acute: 39.76 µg/L Chronic: 10.6 µg/L	02/03/2020
2441	Little Boggy Creek	0002481-000	Equistar Chemicals	copper	1.4979 (dissolved) 2.4271 (total)	Acute: 20.2 µg/L Chronic 5.39 µg/L	07/12/2019

<sup>1</sup> TPDES - Texas Pollutant Discharge Elimination System.

<sup>2</sup> Unless specified, the WER shown is for the dissolved amount.

<sup>3</sup> Appendix E of the *Texas Surface Water Quality Standards (TX WQS)* also includes site-specific criteria which have been developed by one or more regulated facilities. These criteria are to be used in place of the aquatic life criteria in Table 1 of the TX WQS. Unless otherwise specified, the WER applies to the portion of the segment near the facility which conducted the study. Section 307.6(c)(9) of the TX WQS allows the use of site-specific criteria based on a WER prior to adoption in Appendix E of the TX WQS. At the time of the next WQS revision, TCEQ will add the criteria in the above table to Appendix E and they will be deleted from this table. Please note that the site-specific values may change based on the hardness value used for hardness-dependent freshwater criteria (cadmium, chromium-trivalent, copper, lead, nickel, zinc).