

## **2010 Texas Surface Water Quality Standards**

### **The following sections have been partially approved by EPA:**

#### §307.6. Toxic Materials

- §307.6 (c) – including all aquatic life criteria in Table 1 and use of the biotic ligand model

#### §307.7. Site-specific Uses and Criteria

- §307.7(b)(3) Aquatic life: (A) Dissolved oxygen - (i) and (iv); Tables 3 and 4; and (B)(i)-(ii); and (b)(5).

#### §307.9. Determination of Standards Attainment

- §307.9(f). Biological Integrity (first, second, third and seventh sentences)

#### Appendix A - Site-specific Uses and Criteria for Classified Segments

- revised aquatic life uses for Segment 0305

#### Appendix C - Segment Descriptions

- revised boundary for Segment 1602

#### Appendix D - Site-specific Receiving Water Assessments

- Addition of 1602 Lavaca River

Segment	Water Body	Counties	Aquatic Life Use	Dissolved oxygen criteria (average, minimum)	Description
1602	Lavaca River	Lavaca	(no revision)	5.0 mg/l, 3.0 mg/l  [no revision for October 16- March 14]	Intermittent stream with perennial pools from the confluence of Campbells Creek west of the City of Hallettsville upstream to the confluence with West Prong Lavaca River downstream of the City of Moulton

### **EPA has disapproved the following provisions:**

#### §307.9. Determination of Standards Attainment:

- §307.9(f): Language which allows the deferment of listing under CWA §303(d) for unclassified perennial waters with presumed high aquatic life uses is disapproved.

#### Appendix A - Site-specific Uses and Criteria for Classified Segments

- Segment 0305 – North Sulphur River: Footnote 2 in Appendix A which states that the benthic macroinvertebrate community should be assessed as a limited aquatic life use is disapproved. The revised intermediate aquatic life use for the North Sulphur River in the table of Appendix A is approved for both the fish and benthic macroinvertebrate communities.
- Segment 2485–Oso Bayou and segment 2491–Laguna Madre: The site-specific dissolved oxygen criteria of 4.5 mg/L (24-hour mean) and 2.0 mg/L (24-hour minimum) are disapproved. The previously– approved criteria of 5.0 mg/L (24-mean) and 4.0 mg/L (24-hour minimum) will continue to apply.

Appendix D - Site-specific Receiving Water Assessments

- Segment 1602 – Lavaca River: Footnote 10 which includes site-specific dissolved oxygen criteria of 2.0 mg/L (24-hour mean) and 1.0 mg/L (24-hour minimum) from March 15<sup>th</sup> through October 15<sup>th</sup> is disapproved. The previously–approved criteria of 5.0 mg/L (24-mean) and 3.0 mg/L (24-hour minimum) will continue to apply. The segment description for the Lavaca River in Appendix D is approved.

**New and revised provisions in the following sections are under review by EPA:**

§307.4. General Criteria

- new and revised language in §307.4(e), (f) and (m)

§307.6. Toxic Materials

- new and revised language in §307.6(a)

§307.7. Site-specific Uses and Criteria

- new and revised provisions in §307.7(a), (b)(3)(ii)-(iii) and (b)(4)(E)

§307.8. Application of Standards

- new and revised provisions in §307.8(a)-(e), including editorial changes

§307.9. Determination of Standards Attainment

- new and revised provisions in §307.9(c); (e)(1)-(2) and (4)-(8); and (g), including editorial changes

Appendix A - Site-specific Uses and Criteria for Classified Segments

- revised aquatic life uses and dissolved oxygen criteria for segments for segments River, 0406 – Black Bayou, 0407 - James' Bayou, 0409 – Little Cypress Bayou, and 0410 – Black Cypress Bayou
- revised criteria for minerals, pH and temperature in numerous segments.
- footnotes for calculation of critical low flow in streams and rivers dominated by spring-flow

Appendix C - Segment Descriptions

- new description for segment 0410 – Black Cypress Bayou

Appendix D - Site-specific Receiving Water Assessments

- revised aquatic life uses and dissolved oxygen criteria for 0401 – Harrison Bayou and 0410 – Black Cypress Bayou

Appendix F – Site-specific Nutrient Criteria for Selected Reservoirs

**EPA takes “no action” on the following provisions:**

§307.7(b)(3)(B)(iii). EPA takes no action on the language regarding additional sources of information to be used for issuing consumption advisories for fish and shellfish, as this activity is not regulated under the CWA.

§307.9(a), (b) and (d). EPA takes no action, as the agency considers these subsections to be monitoring and assessment provisions rather than water quality standards under CWA §303(c).