

The Texas Natural Resource Conservation Commission (commission) adopts amendments to §307.4 and §307.10, with changes to the proposed text as published in the October 11, 1996 issue of the Texas Register (21 TexReg 9765).

EXPLANATION OF ADOPTED RULE

The Texas Surface Water Quality Standards are established and reviewed on a periodic basis pursuant to the Texas Water Code, §26.023, as amended, and the Federal Water Pollution Control Act (Clean Water Act), §303(c), as amended. The surface water quality standards were last amended on July 13, 1995. The revisions adopted at this time are both substantive and editorial. As substantive changes, the presumed standard for unclassified perennial streams in East Texas is changed from “intermediate aquatic life” to “high aquatic life” in §307.4(h)(1), and site-specific standards are designated for 35 additional streams in Appendix D of §307.10. “High aquatic life” requires an instream dissolved oxygen concentration of 5 milligrams per liter, while “intermediate aquatic life” requires an instream dissolved concentration of 4 milligrams per liter.

The change in the presumed standard is adopted in order to resolve disapproval of the previous standards by the U.S. Environmental Protection Agency (EPA) and in order to address public concerns. Additional site-specific standards are adopted in Appendix D in order to designate aquatic life uses and dissolved oxygen criteria for streams where sufficient data has recently been obtained. The adopted standards are submitted to EPA through the Texas Attorney General, and EPA reviews the revised standards to ensure compliance with the Clean Water Act and with EPA regulations as authorized under

the Clean Water Act. As specified in §303(c) of the Clean Water Act, EPA has 60 days to approve the revised standards, and 90 days to disapprove all or part of the revised standards.

Waterbodies listed in Appendix D of §307.10 are assigned an aquatic life use and a criterion for dissolved-oxygen concentration. Geographic location of these waterbodies is indicated by the nearest downstream designated segment. Designated segments are major waterbodies which are defined in Appendices A and C of §307.10.

TAKINGS IMPACT ASSESSMENT

The commission has prepared a Takings Impact Assessment for these rules pursuant to Texas Government Code Annotated, §2007.043. The following is a summary of that Assessment. The specific purpose of the revision is to change the presumed standard for unclassified perennial streams in East Texas from “intermediate aquatic life” to “high aquatic life.” The proposed revisions will increase administrative requirements and costs for affected permittees. The action is taken to fulfill an obligation mandated by federal law. EPA has disapproved the current presumed standards for East Texas streams. The revisions are being adopted in order to avoid promulgation of a federal standard. Promulgation and enforcement of these rules will not affect private real property which is the subject of these rules.

HEARINGS AND COMMENTERS

Public hearings on the proposals were conducted on November 18, 1996 in Austin, Texas; and on November 20, 1996 in Tyler, Texas. The written comment period closed on December 2, 1996. Oral

and written comments were submitted by the Texas Parks and Wildlife Department (Parks and Wildlife), League of Women Voters of Texas, League of Women Voters of Tyler, East Texas Communities Network, Northeast Texas Municipal Water District (Northeast Texas District), Lake O' the Pines Civic Association, City of Longview, City of Tyler, Star Enterprise and interested individuals.

COMMENTS ON PRESUMED STANDARD

Parks and Wildlife, East Texas Communities Network, League of Women Voters of Texas, League of Women Voters of Tyler and individual commenters expressed support for changing the presumed aquatic life use to high for all perennial streams, including those in east Texas, in §307.4(h)(1). The City of Tyler expressed opposition to the change and recommended that the presumed aquatic life use for streams in east Texas remain at intermediate.

The commission responds that the change to high aquatic life use for perennial streams in east Texas is still needed to resolve EPA disapproval, and public support for the high presumption has been substantial. Therefore, the change to the presumed aquatic life use of high for all perennial streams, including those in east Texas, is adopted as proposed. The commission will make every reasonable effort to reduce or eliminate the administrative burden that can be required to designate streams for uses less than high, when data indicates that a lower designation is appropriate. Additional resources are now allocated by the commission's regional offices, and by river authorities under the Clean Rivers Program, for assessing streams where existing discharges are located. In addition, the numerous new site-specific designations in §307.10, which are part of

this rule revision, will facilitate permitting and water-quality management for the designated streams.

COMMENTS ON SITE SPECIFIC DESIGNATIONS

Northeast Texas District, City of Longview, East Texas Communities Network, and individual commenters suggested that Tankersley Creek, in the watershed of Segment 0404 in Titus County, should be designated for high aquatic life use rather than intermediate. Commenters were concerned that the designation would allow continuing degradation of the creek by existing discharges of treated wastewater. Commenters stated that the sampling site for Tankersley Creek may have been atypical and that the stream habitat quality index was incorrectly scored by the commission. According to the commenters the numeric score for the habitat quality index should indicate a high aquatic life use instead of intermediate.

The commission responds that the area which was selected for sampling was located upstream of wastewater discharges to the creek. Site selection, sampling and evaluation were conducted in accordance with commission procedures for assigning aquatic life uses to streams. These procedures include sampling at upstream points, determining specific habitat and biological indexes, and evaluating chemical and physical characteristics. The commission reevaluated the habitat quality index numeric score and determined that the numeric score was reasonable in terms of available data. However, the commission acknowledges that additional information and evaluation would be useful to address comments and concerns that were raised during the public

comment period. Therefore, the proposed intermediate life use for Tankersley Creek is withdrawn, and no standards for Tankersley Creek are adopted in Appendix D at this time.

League of Women Voters of Tyler requested that West Mud Creek, in the watershed of Segment 0611 in Smith County, be designated for an aquatic life use higher than “limited.”

The commission states that site selection, sampling and evaluation were conducted in accordance with commission procedures for assigning aquatic life uses to streams. In fact, West Mud Creek has been sampled several times over a period of years and at different seasons which is more than typically required. In each case biological indices indicate that at best, the aquatic life use of West Mud Creek upstream of all point source waste water dischargers was limited. Dissolved oxygen concentrations are also frequently low in the area of the creek upstream of all point source waste water dischargers and are reflective of limited aquatic life criteria. The limited aquatic life use and low dissolved oxygen concentrations in West Mud Creek are most likely the result of low, sluggish stream flows which occur during summer-time warm weather conditions. The proposed standards for West Mud Creek are adopted as proposed.

Lake O' the Pines Civic Association requested that the assigned use for Black Cypress Bayou, in the watershed of Segment 0402 in Marion County, be assigned an aquatic life use of high rather than the intermediate aquatic life use which is currently listed in Appendix D of §307.10.

The commission responds that this change was not proposed for the revisions under current consideration, and existing standards for Black Cypress Bayou remain the same.

Star Enterprise requested that the assigned use for Main D Canal (Alligator Bayou), in the watershed of Segment 0702 in Jefferson County, be assigned an aquatic life use of limited rather than the intermediate aquatic life use which is currently listed in Appendix D of §307.10. This commenter indicated that the aquatic life uses for similar canals in the area was limited and that the limited use should apply to Main D Canal.

The commission responds that this change was not proposed for the revisions under current consideration, and the existing standards for Main D Canal remain the same.

Lake O' the Pines Civic Association, East Texas Communities Network and individual commenters requested that the aquatic life use for Big Cypress Creek, Segment 0404, be changed from intermediate to high in Appendix A of §307.10. Commenters noted that the characteristics of Big Cypress Creek justify a high aquatic life use and that the quality of water in Big Cypress Creek affects the water quality of Lake O' the Pines.

The commission responds that this change was not proposed for the current revisions, and the existing standards for Big Cypress Creek remain the same. The commission can review the standards for Big Cypress Creek for future revisions of §307.

Several commenters requested that the commission carefully review each of the streams that were proposed for aquatic life uses less than high in Appendix D of §307.10.

The commission responds that additional technical review of all 37 streams proposed for addition to Appendix D has been conducted. During the review, the commission determined that more data is required in order to fully assess aquatic life uses for Cedar Creek in the watershed of Segment 0604 in Angelina County. Therefore, the proposed intermediate aquatic life for Cedar Creek is withdrawn, and no standards for Cedar Creek are adopted in Appendix D at this time. The additional data should allow Cedar Creek to be taken up in the next revisions. All other proposed additions to Appendix D are supported by adequate data and evaluation.

EPA Region 6 reviewed the proposed changes, and the standards as adopted for the remaining 35 streams are considered “technically approvable” by EPA. Final review and approval by EPA is pending official submittal of the adopted changes through the Office of the Texas Attorney General. The United States Fish and Wildlife Surface will also review the standards revisions for compliance with the Federal Endangered Species Act.

Cottonwood Branch, which was one of the streams proposed for addition to Appendix D in segment 1242, was incorrectly cited in the proposed rule as “Cottonwood Creek.” The name is corrected to Cottonwood Branch in the adopted rule.

No comments were received concerning editorial corrections that were proposed for existing streams listed in Appendix D. Therefore, with the exception of Cedar Creek, all proposed revisions to Appendix D of §307.10 are adopted.

STATUTORY AUTHORITY

The proposed amendments, with changes in response to comments, are adopted under the Texas Water Code, §26.023, which provides the Texas Natural Resource Conservation Commission with the authority to make rules setting water quality standards for all waters in the state, and under the Texas Water Code, §5.103, which authorizes the commission to adopt any rules necessary to carry out its powers and duties under the Water Code and other laws of this state.

§307.4. General Criteria.

(a) - (g) (No change.)

(h) Dissolved oxygen and aquatic life uses.

(1) Dissolved oxygen criteria for unclassified waters with aquatic life uses will be sufficient to support appropriate aquatic life use categories, in accordance with §307.7 of this title (relating to Site-specific Uses and Criteria). Perennial streams, rivers, lakes, bays, estuaries, and other appropriate perennial waters which are not specifically listed in Appendix A or D of §307.10 of this title are presumed to have a high aquatic life use and corresponding dissolved oxygen criteria. In accordance with results from statewide ecoregion studies, unclassified perennial streams in southeast and northeast Texas are assigned dissolved oxygen criteria as indicated in §307.7(b)(3)(A)(ii) of this title. Higher uses will be maintained where they are attainable.

§307.10. Appendices A - E.

The following appendices are integral components of this chapter of the Texas Surface Water Quality Standards:

(1) - (3) (No change.)

(4) Appendix D - Site-specific Receiving Water Assessments, **(Figure 1: 30 TAC**

§307.10(4))

The water bodies listed in this appendix are those waters that are not designated segments listed in Appendix A of this title. The water bodies are included because a regulatory action has been taken or is anticipated to be taken by the commission or because sufficient information exists to provide an aquatic life use designation. The segment numbers listed refer to the designated segments as defined in Appendix C of this title. The county listed is the primary location where the use designation has been assigned. The water body is a tributary within the drainage basin of the listed segment. The aquatic life use (ALU) designations and dissolved oxygen (D.O.) criterion are the same as defined in §307.3(b) and §307.7(b)(3)(A) of this title. The description defines the specific area for which the aquatic life use designation pertains. Contact recreation uses are assigned to all of the waters listed. Generally, there is not sufficient data on these waters to develop other conventional criteria and those criteria are the same as for the segment in which the water body is located unless further site-specific information is obtained.

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
0101	Hutchinson	Rock Creek	L	3.0	Perennial stream from the confluence with the Canadian River up to SH 136 in the City of Borger
0201	Bowie	Jones Creek	I	4.0	Intermittent stream with perennial pools from the confluence with Barkman Creek up to the western most crossing of FM 1398 near Hooks
0202	Grayson	Corneliason Creek	L	3.0	Intermittent stream with perennial pools from the confluence with Mill Creek up to FM 1897 in Bells
0204	Montague	Ritchie Creek	L	3.0	Intermittent stream with perennial pools from the confluence with Salt Creek up to SH 59 east of Montague
0302	Bowie	Big Creek	I	4.0	Intermittent stream with perennial pools from FM 2149 up to 1.3 km south of U.S. 82 south-east of New Boston
0304	Bowie	Wagner Creek	I	4.0	Perennial stream from the confluence with Days Creek to a point 1.5 km upstream of IH 30
0400	Harrison	Cross Bayou	H	5.0	Perennial stream from the Texas/Louisiana border upstream to headwaters approximately 0.2 km south of the cemetery at Stricklen Springs
0402	Marion	Black Cypress Bayou	I	4.0	Perennial stream from the confluence with Big Cypress in Marion County up to FM 250 in Cass County.
0404	Morris	Brutons Creek	I	4.0	Perennial stream from the headwaters of Ellison Reservoir to SH 49 near Daingerfield

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
0404	Titus	Hart Creek	H	5.0	Perennial stream from the confluence with Big Cypress Creek upstream to 0.2 km upstream of FM 1402
0501	Orange	County Relief Ditch	L	3.0	Perennial ditch from the confluence with the Sabine River upstream to Highway 87
0503	Newton	Unnamed tributary of Dempsey Creek	I	4.0	Perennial stream from the confluence with Dempsey Creek to headwater swamp near Bon Weir
0504	Shelby	Unnamed tributary of Flat Fork Creek	L	3.0	Intermittent stream with perennial pools from the confluence of an unnamed tributary 1.0 km upstream of FM 1645 upstream to 0.4 km upstream of SH 87
0505	Gregg	Grace Creek	I	4.0	Perennial stream from the confluence with the Sabine River up to FM 1844 in Gregg County
0505	Gregg	Hawkins Creek	L	3.0	Perennial stream from confluence with the Sabine River upstream to FM 2605 in White Oak
0505	Gregg	Rabbit Creek	I	4.0	Perennial stream from the confluence with the Sabine River in Gregg County up to the confluence with Little Rabbit Creek in Rusk County
0505	Harrison	Eightmile Creek	I	4.0 ¹	Perennial stream from the confluence with the Sabine River up to SH 31
0505	Harrison	Mason Creek	L	3.0	Intermittent stream with perennial pools from confluence with swamp 3.1 km downstream of IH 20 up to 0.2 km above IH 20 near intersection with FM 968

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
0505	Harrison	Wards Creek	I	4.0	Perennial stream from the confluence with the Sabine River in Rusk County upstream to Highway 80 in Harrison County
0505	Rusk	Unnamed tributary of Sabine River	I	4.0	Perennial stream from confluence with the Sabine River up to 0.7 km above Santa Fe railroad crossing in Easton
0506	Rains	Sandy Creek	L	3.0	Perennial stream from confluence of Glade Creek up to confluence of unnamed tributary 0.3 km below SH 19
0507	Hunt	West Caddo Creek	L	3.0	Intermittent stream with perennial pools from confluence with Brushy Creek up to confluence of Middle Caddo Creek northwest of Caddo Mills
0511	Orange	Coon Bayou	H	4.0	From the confluence with Cow Bayou up to the extent of tidal limits
0511	Orange	Unnamed tributary of Cow Bayou	H	4.0	From the confluence with Cow Bayou (north bank approximately 1.6 km from the Sabine River confluence) up to the extent of tidal limits
0601	Orange	Tiger Creek	L	3.0	Perennial stream from the confluence with Meyer Bayou to the confluence of Caney Creek near Vidor
0602	Hardin	Unnamed tributary (Booger Branch) of Massey Lake Slough	L	3.0	Perennial stream from Massey Lake Slough up to the Santa Fe railroad crossing south of Silsbee
0603	Jasper	Sandy Creek	H	5.0	Perennial stream from the confluence with B. A. Steinhagen Lake up to 0.5 km below FM 766 east of Jasper

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
0604	Angelina	Hurricane Creek	I	4.0	Perennial stream from the confluence with Cedar Creek to the confluence of two unnamed tributaries 100 meters upstream of SH Loop 287 in Lufkin
0604	Cherokee	Alto Branch	L	3.0	Perennial stream from the confluence of Larrison Creek up to FM 851 north of Alto
0604	Cherokee	Larrison Creek	L	3.0	Perennial stream from U.S. 69 southeast of Alto up to 1.0 km above SH 21 east of Alto
0604	Cherokee	One-Eye Creek	I	4.0	Perennial stream from the confluence with McCann Creek upstream to the confluence with College Creek
0604	Polk	Dabbs Creek	H	5.0	Perennial stream from the confluence of Caney Creek up to the confluence of Dabbs Branch approximately 4.5 kilometers above FM 942 in Polk County
0606	Smith	Black Fork Creek	H	5.0 ²	Perennial stream from the confluence with Prairie Creek to a point 0.4 km downstream of FM 14 in Tyler
0606	Smith	Black Fork Creek	L	3.0	Intermittent stream with perennial pools from a point 0.4 km downstream of FM 14 to a point 0.2 km upstream of SH 31 in Tyler
0606	Smith	Prairie Creek	H	5.0 ³	Perennial stream from the confluence with the Neches River to a point immediately upstream of the confluence of Caney Creek
0608	Hardin	Cypress Creek	H	5.0	Perennial stream from the confluence with Village Creek up to the confluence of Bad Luck Creek

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
0608	Tyler	Turkey Creek	H	5.0	Perennial stream from the confluence with Village Creek up to 1.6 km above U.S. 69 north of Woodville
0610	Angelina	Mill Creek	H	5.0	Perennial stream from the confluence with Paper Mill Creek up to 1.0 km upstream of FM 2251 north of the City of Lufkin
0610	Angelina	Unnamed tributary of Mill Creek	L	3.0	Intermittent stream with perennial pools from the confluence with Mill Creek up to 1.0 km above FM 2251 north of Lufkin
0610	Sabine	Little Sandy Creek	I	4.0	Intermittent stream with perennial pools from the confluence with Pomponaugh Creek up to 0.5 km above FM 83 north of Pineland
0611	Cherokee	Keys Creek	H	5.0	Perennial stream from the confluence with Mud Creek upstream to the confluence of Barber Branch east of Jacksonville
0611	Cherokee	Mud Creek	H	5.0	Perennial stream from the confluence with the Angelina River to a point immediately upstream of the confluence of Caney Creek in Cherokee County
0611	Cherokee	Ragsdale Creek	I	4.0	Perennial stream from the confluence with Keys Creek to the confluence of an unnamed tributary 250 meters upstream of Canada Street in Jacksonville
0611	Nacogdoches	Bayou LaNana	I	4.0	Perennial stream from the confluence with the Angelina River up to FM 1878 in the City of Nacogdoches
0611	Rusk	Unnamed tributary of Johnson Creek	L	3.0	Perennial stream from the confluence with Johnson Creek up to 2.4 km upstream of the confluence, which is 0.8 km south of SH 64 west of Joinerville

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
0611	Smith	Blackhawk Creek	I	4.0	Perennial stream from the confluence with Mud Creek to the confluence of an unnamed tributary 120 meters upstream of SH 110 south of Whitehouse
0611	Smith	West Mud Creek	L	3.0	Perennial stream from the confluence with Mud Creek in Cherokee County to the confluence of an unnamed tributary 300 meters upstream of the most northern crossing of US 69 (approximately 2.25 km south of the intersection of Loop 323) in Tyler
0701	Jefferson	Rodair Gully	I	4.0	Perennial stream from the confluence with Taylor Bayou up to U.S. 69 near Nederland
0702	Jefferson	Main Canal D, Canal A, Canal B, Canal C	I	4.0	All perennial canals in Jefferson County Drainage District No. 7 that eventually drain into the tidal portion of Taylor Bayou at the pumphouse gate
0802	San Jacinto	Unnamed tributary of Coley Creek	H	5.0	Perennial stream from the confluence with Coley Creek upstream to its origin at the culvert leading from Lake Run-Amuck at Wright Road
0804	Anderson	Keechi Creek	H	5.0	Perennial stream from the confluence with the Trinity River to a point 0.05 km upstream of FM 645
0804	Leon	Toms Creek	H	5.0	Perennial stream from the confluence with the Trinity River to the Missouri Pacific Railroad crossing near Oakwood

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
0804	Leon	Unnamed tributary (Northwest Branch)	H	5.0	Perennial stream from the confluence with Toms Creek to a point 0.3 km upstream of FM 831
0819	Dallas	Duck Creek	I	4.0	Perennial stream from the confluence with the East Fork Trinity River in Kaufman County to the confluence of an unnamed tributary 0.6 km upstream of Jupiter Road in Dallas County
0819	Rockwall	Buffalo Creek	L	3.0	Perennial stream from the confluence with the East Fork Trinity River up to 0.6 km above the confluence of Little Buffalo Creek
0820	Collin	Cottonwood Creek	L	3.0	Perennial stream from the confluence with Rowlett Creek up to SH 5 (near Greenville Road)
0820	Collin	Rowlett Creek	I	4.0	Perennial stream from the normal pool elevation of 435.5 feet of Lake Ray Hubbard to the Parker Road crossing
0821	Collin	Pilot Grove Creek	L	3.0	Perennial stream from confluence of Desert Creek up to FM 121 near Blue Ridge
0823	Grayson	Little Elm Creek	I	4.0	Perennial stream from FM 455 in Collin County up to 1.4 km above FM 121 in Grayson County near Gunther
0826	Denton	Denton Creek	H	5.0	Perennial stream from the headwaters of Grapevine Lake to the confluence of Trail Creek near Justin
0826	Denton	Trail Creek	H	5.0	Perennial stream from the confluence with Denton Creek up to 2.1 km upstream of SH 156 in Justin
1001	Harris	Bear Lake	H	4.0	Encompasses the entire tidal portion of the bay (tributary bay of San Jacinto River Tidal)

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
1006	Harris	Carpenters Bayou	I	4.0	Perennial stream from 9.0 km upstream of Houston Ship Channel up to 0.8 km upstream of Wallisville Road
1006	Harris	Carpenters Bayou	L	3.0	Perennial stream from 0.8 km upstream of Wallisville Road up to Sheldon Reservoir
1006	Harris	Halls Bayou	I	4.0	Perennial stream from the confluence with Greens Bayou up to US 59
1006	Harris	Halls Bayou	L	3.0	Perennial stream from US 59 upstream to Frick Road
1007	Harris	Berry Bayou Above Tidal	L	3.0	Perennial stream from 2.4 km upstream from the confluence with Sims Bayou to the southern city limits of South Houston
1007	Harris	Brays Bayou Above Tidal	L	3.0	Perennial stream from 11.5 km upstream from confluence with Houston Ship Channel up to SH 6
1007	Harris	Keegans Bayou	L	3.0	Perennial stream from confluence with Brays Bayou upstream to Harris Co. line
1007	Harris	Sims Bayou Above Tidal	L	3.0	Perennial stream from 11.0 km upstream of confluence with Houston Ship Channel upstream to Hiram Clark Drive
1007	Harris	Willow Waterhole Bayou	L	3.0	Perennial stream from confluence with Brays Bayou upstream to South Garden (in Missouri City)
1008	Harris	Metzler Creek	L	3.0	Intermittent stream with perennial pools from the confluence of Cannon Gully up to 0.2 km below Kuykendahl Road
1013	Harris	Little Whiteoak Bayou	I	4.0	Perennial stream from the confluence with Whiteoak Bayou up to RR tracks north of IH 610

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
1013	Harris	Little Whiteoak Bayou	L	3.0	Perennial stream from RR tracks north of IH 610 upstream to Yale Street
1014	Harris	Bear Creek	I	4.0	Perennial stream from Addicks Reservoir upstream to Longenbaugh Road
1014	Harris	Dinner Creek	L	3.0	Perennial stream from the confluence with Langham Creek upstream to Frey Road
1014	Harris	Horsepen Creek	L	3.0	Perennial stream from Addicks Reservoir up to 2.4 km upstream of SH 6
1014	Harris	Langham Creek	L	3.0	Perennial stream from Addicks Reservoir upstream to FM 529
1014	Harris	Mason Creek	I	4.0	Perennial stream from Barker Reservoir upstream to the confluence with unnamed tributary south of IH 10
1014	Harris	South Mayde Creek	L	3.0	Perennial stream from Addicks Reservoir up to FM 529
1014	Waller	Willow Fork Buffalo Bayou	I	4.0	Intermittent stream with perennial pools from the confluence with Buffalo Bayou in Fort Bend County up to 1.0 km above U.S. 90 in Waller County
1016	Harris	Garners Bayou	L	3.0	Perennial stream from the confluence with Williams Gully upstream to 1.5 km north of Atoscocita Road
1017	Harris	Brickhouse Gully/Bayou	L	3.0	Perennial stream from the confluence with Whiteoak Bayou up to Gessner Road
1017	Harris	Cole Creek	L	3.0	Perennial stream from the confluence with Whiteoak Bayou up to Flintlock Street

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
1017	Harris	Vogel Creek	L	3.0	Perennial stream from the confluence with Whiteoak Bayou to a point 3.2 kilometers upstream of the confluence with Whiteoak Bayou
1102	Brazoria	Cowart Creek	L	3.0	Intermittent stream with perennial pools from the confluence with Clear Creek in Galveston County to SH 35 in Brazoria County
1202	Fort Bend	Rabbs Bayou	L	3.0	Perennial stream from the confluence with an unnamed tributary below HW 59 up to Smithers Lake
1202	Waller	Brookshire Creek	L	3.0	Perennial stream from the confluence of an unnamed tributary located 1.4 km downstream of IH 10 to 500 meters upstream of US 90
1202	Washington	Hog Branch	I	4.0	Perennial stream from the confluence with Little Sandy Creek upstream to Loop 318 in the City of Brenham
1202	Washington	Little Sandy Creek	I	4.0	Perennial stream from the confluence with New Year Creek to a point 100 meters upstream of Loop 283
1202	Washington	New Year Creek	I	4.0	Perennial stream from the confluence with Ralston Creek upstream to the confluence of Big Sandy Creek
1203	Bosque	Steele Creek	H	5.0	Perennial stream from the confluence with Whitney Lake up to 2.4 km above the confluence of Cox Branch
1205	Hood	McCarty Branch	L	3.0	Intermittent stream with perennial pools from the confluence with Lake Granbury up to FM 208

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
1209	Brazos	Carters Creek	I	4.0	Perennial stream from the confluence with the Navasota River upstream to the confluence of an unnamed tributary 0.5 km upstream of FM 158
1209	Brazos	Wolfpen Creek	L	3.0	Intermittent stream with perennial pools from the confluence with Carter Creek to near Bizzell Street in College Station
1211	Burleson	Davidson Creek	I	4.0	Intermittent stream with perennial pools from the confluence with Yegua Creek to 0.2 km above SH 21 near Caldwell
1217	Lampasas	Sulphur Creek	H	5.0	Perennial stream from the confluence with the Lampasas River to the spring source located in Lampasas
1224	Eastland	Leon River Above Leon Reservoir	H	5.0	From the headwaters of Leon Reservoir up to the confluence of the North Fork Leon River and the South Fork Leon River (includes Lake Olden)
1224	Eastland	South Fork Leon River	H	5.0	From the confluence of the North Fork Leon River up to the confluence of the Middle Fork Leon River
1227	Johnson	Buffalo Creek	L	3.0	Intermittent stream from the confluence with the Nolan River up to the confluence of East Buffalo Creek and West Buffalo Creek
1227	Johnson	Mustang Creek	I	4.0	Intermittent stream with perennial pools from the confluence with Nolan River to FM 916 near Rio Vista
1241	Lubbock	North Fork Double Mountain Fork Brazos River	L	3.0	Perennial stream from the confluence with Double Mountain Fork Brazos River to the dam forming Lake Ransom Canyon

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
1242	Brazos	Cottonwood Branch	I	4.0	Intermittent stream with perennial pools from the confluence with Still Creek upstream 0.95 km to the confluence with an unnamed tributary
1242	Brazos	Still Creek	H	5.0	Perennial stream from the confluence with Thompsons Creek upstream to the confluence with Cottonwood Branch
1242	Brazos	Unnamed tributary of Cottonwood Branch	I	4.0	Intermittent stream with perennial pools from the confluence with Cottonwood Branch upstream to the headwaters
1242	Falls	Pond Creek	L	3.0	Perennial stream from the confluence with the Brazos River in Milam County, up to the confluence with Live Oak Creek in Falls County
1242	McLennan	Tradinghouse Reservoir	H	5.0	Encompasses the entire reservoir up to the normal pool elevation of 447 feet
1242	Robertson	Little Brazos River	H	5.0	Perennial stream from the confluence with the Brazos River in Brazos County to the confluence of Walnut Creek in Robertson County west of Calvert
1244	Williamson	Brushy Creek	I	4.0	Perennial stream from the confluence of South Brushy Creek to the confluence of North Fork Brushy Creek and South Fork Brushy Creek
1244	Williamson	Mustang Creek	I	4.0	Perennial stream from the confluence with Brushy Creek upstream to the confluence of North Fork Mustang Creek

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
1245	Fort Bend	Red Gully	I	4.0	Perennial stream from the confluence with Oyster Creek up to 1.7 km upstream of Old Richmond Road
1246	McLennan	Unnamed tributary of South Bosque River	I	4.0	Perennial stream from the confluence with the South Bosque River to 1.0 km above SH 317 south of McGregor (locally known as Sheep Creek)
1248	Williamson	Berry Creek	H	5.0	Perennial stream from the confluence with the San Gabriel River to the confluence of Stapp Branch southwest of Florence
1304	Matagorda	Linnville Bayou	L	3.0	Intermittent stream with perennial pools from a point 1.1 km above the confluence with Caney Creek in Matagorda County up to a point 0.1 km above SH 35 in Brazoria/Matagorda counties
1402	Fayette	Cedar Creek Reservoir	H	5.0	Encompasses the entire reservoir up to the normal pool elevation of 391 feet
1402	Fayette	Cedar Creek	H	5.0	Perennial stream from the confluence with the Colorado River up to the dam forming Cedar Creek Reservoir
1412	Howard	Beals Creek	L	3.0	Intermittent stream with perennial pools from the confluence with the Colorado River in Mitchell County up to the confluence of Mustang Draw and Sulphur Draw in Howard County
1414	Gillespie	Barons Creek	H	5.0	Perennial stream from the confluence with the Pedernales River up to the most northern crossing of US 87 northwest of Fredericksburg
1415	Kimble	Johnson Fork Creek	H	5.0	Perennial stream from the confluence with the Llano River to source springs (Rio Bonito Springs) south of Segovia

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
1415	Mason	Comanche Creek	L	3.0	Intermittent stream with perennial pools from the confluence with the Llano River up to the confluence of West Comanche Creek near Mason
1416	McCulloch	Brady Creek	I	4.0	Perennial stream and intermittent stream with perennial pools from confluence of unnamed tributary approximately 5.0 km east of FM 2309 east of Brady to Brady Lake dam
1420	Callahan	Kaiser Creek	L	3.0	Intermittent stream with perennial pools from the confluence with North Prong Pecan Bayou up to 0.5 km upstream of FM 2700 south of Clyde
1420	Callahan	Turkey Creek	H	5.0	From the confluence with Pecan Bayou in Brown County up to SH 36 in Callahan County
1426	Runnels	Elm Creek	H	5.0	Perennial stream from the confluence with the Colorado River up to dam approximately 300 meters downstream of U.S. Highway 67
1427	Travis	Slaughter Creek	H	5.0	Intermittent stream with perennial pools from the confluence with Onion Creek to above US 290 west of Austin
1428	Travis	Gilleland Creek	H	5.0	Perennial stream and intermittent stream with perennial pools from the confluence with the Colorado River up to the spring source (Ward Spring) northwest of Pflugerville
1602	Lavaca	Rocky Creek	H	5.0	Perennial stream from the confluence with the Lavaca River up to 1.0 km above FM 533 west of Shiner

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
1902	Bexar	Martinez Creek	I	4.0	Perennial stream from Binz-Engleman Road up to the confluence with Escondido Creek
1903	Medina	Polecat Creek	H	5.0	Perennial stream from 6.4 km above confluence with the Medina River to the spring source 1.3 km above FM 2790 southeast of LaCoste
2108	Medina	Chacon Creek	I	4.0	Perennial stream from the confluence with San Francisco Perez Creek in Frio County upstream to the confluence of an unnamed tributary approximately 0.8 km north of SH 132 in Medina County
2108	Medina	Fort Ewell Creek	I	4.0	Perennial stream from the confluence with Chacon Creek in Medina County upstream to the confluence of the Natalia Canal approximately 0.8 km north of SH 132 in Medina County
2304	Val Verde	Cienegas Creek	H	5.0	Perennial stream from the confluence with the Rio Grande to the headwater spring source (Cienegas Springs) approximately 0.8 km north of Cienega Lane west of Del Rio
2310	Terrell	Independence Creek	E	6.0	Perennial stream from the confluence of the Pecos River to the mouth of Surveyor Canyon (upstream of FM 2400)
2425	Harris	Taylor Lake	H	4.0	Encompasses the entire tidal portion of the bay (tributary bay of Clear Lake)
2426	Harris	Goose Creek	I	4.0	Perennial stream from Baker Street up to the confluence of an unnamed tributary from Highlands Reservoir

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
2426	Harris	Goose Creek	L	3.0	Perennial stream from the confluence of East Fork Goose Creek up to Baker Street

- 1 A site-specific dissolved oxygen criterion of 3.0 mg/L as a 24-hour average applies for the months of June through October.
- 2 A site-specific dissolved oxygen criterion of 4.0 mg/L as a 24-hour average applies for the months of May through October.
- 3 A site-specific dissolved oxygen criterion of 3.0 mg/L as a 24-hour average applies for the months of May through October.

(5) (No change.)

This agency hereby certifies that the adoption has been reviewed by legal council and found to be a valid exercise of the agency's legal authority.

Issued in Austin, Texas, on