

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
AGENDA ITEM REQUEST
for Rulemaking Adoption

AGENDA REQUESTED: June 26, 2024

DATE OF REQUEST: June 7, 2024

INDIVIDUAL TO CONTACT REGARDING CHANGES TO THIS REQUEST, IF NEEDED: Gwen Ricco, Texas Register/Agenda Coordinator, (512) 239-2678

CAPTION: Docket No. 2024-0489-MIS. Consideration of the adoption of the Draft 2024 Texas Integrated Report, for compliance with the requirements of the federal Clean Water Act, Sections 303(d) and 305(b), which is a compilation of documents and information which provides an overview of the state's surface water quality.

The Draft 2024 Texas Integrated Report will inform the regulated community and the public of the water quality status of surface waters in the state. The Draft 2024 Texas Integrated Report will also provide agencies with information to enable informed permitting decisions, resource allocations, and to determine where total maximum daily loads, watershed protection plans, and other water quality improvement efforts are needed. Notice of the proposed Draft 2024 Texas Integrated Report was published in the February 9, 2024, issue of the *Texas Register* (49 TexReg 743). The proposed Draft 2024 Texas Integrated Report was posted on the commission's Water Quality Planning Division's website on February 9, 2024. (Sarah McCaffrey, Michael Parr; Non-Rule Project No. 2024-008-OTH-NR)

Cari-Michel La Caille

Director

Kelly Mills

Division Deputy Director

Gwen Ricco

Agenda Coordinator

Copy to CCC Secretary? NO YES

Texas Commission on Environmental Quality

Interoffice Memorandum

To: Commissioners

Date: June 7, 2024

Thru: Laurie Gharis, Chief Clerk
Kelly Keel, Executive Director

From: *CML* Cari-Michel La Caille, Director
Office of Water

Docket No.: 2024-0489-MIS

Subject: Commission Approval for Adoption
The Draft 2024 Texas Integrated Report of Surface Water Quality
Non-Rule Project No. 2024-008-OTH-NR

Summary and background:

The Integrated Report (IR) is a compilation of documents and information that provides an overview of the state's surface water quality. Factors considered in evaluating the status of water bodies include concerns for public health, viability for use by aquatic species and other wildlife, and identification of elevated levels of specific pollutants and their possible sources. The IR includes a list of water bodies that do not support their water quality uses. This list is known as the Texas 303(d) List. The IR also includes the *Guidance for Assessing and Reporting Surface Water Quality in Texas*, assessment data, additional water quality status reporting, and supporting documents. Requirements for the IR are codified in the federal Clean Water Act (CWA), §303(d) and §305(b), and in the Texas Water Code (TWC), §26.0135.

Portions of the IR proposed for consideration by the commission include the following:

- Summary 2024 IR for CWA, §303(d) and §305(b);
- Draft 2024 Texas 303(d) List;
- Draft 2024 New Listing;
- Draft 2024 Delisting; and
- Draft 2024 Public Comment and Response.

Scope:

Geographic information, monitoring data, and supporting documentation were compiled from throughout the state to determine if surface waters in the state were impaired or meeting water quality standards. Water quality concerns are reported for water bodies that are near non-attainment or not meeting established screening levels. The 2024 IR fulfills the requirements of the federal CWA, §303(d) and §305(b).

A.) Summary of what the Integrated Report will do:

The IR assigns each assessed water body to one of five categories. For each water body assessed, the categories indicate the water quality status and how the state will address water quality issues. The categories provide information to the public, stakeholders, internal agency programs, and the United States Environmental Protection Agency (EPA) about the state's water quality management activities. Water bodies included in Category 5 constitute the Texas 303(d) List.

Re: Docket No. 2024-0489-MIS

B.) Scope required by federal regulations or state statutes:

Requirements for the IR are codified in the federal CWA, §303(d) and §305(b), and in the TWC, §26.0135. Administrative regulatory requirements are established in 40 Code of Federal Regulations (CFR) §130.7 and in 30 Texas Administrative Code (TAC) Chapter 307, the Texas Surface Water Quality Standards. Additional procedural guidance is established by the Texas Commission on Environmental Quality (TCEQ).

C.) Additional staff recommendations that are not required by federal rule or state statute:

The IR includes supporting documentation useful to programs that administer the state's water quality management programs, as well as, to the public and stakeholders.

Statutory authority:

Requirements for the IR are codified in the federal CWA, §303(d) and §305(b), and in the TWC, §26.0135. Administrative regulatory requirements are established in 40 CFR §130.7, and in 30 TAC Chapter 307. Additional procedural guidance is established by TCEQ.

Effect on the:

A.) Regulated community:

The IR informs the regulated community of water quality status. Non-support of designated uses for surface water may affect discharge permits and other regulated activities that could affect impaired water bodies. Conversely, appropriate removal of water bodies from the Texas 303(d) List can avoid unnecessary regulatory impacts.

B.) Public:

The IR serves all stakeholders by providing information regarding the quality of surface waters locally and throughout the state of Texas. Protection of surface waters through the IR process serves to protect human health and the aquatic environment for the state.

C.) Agency programs:

The IR provides information to enable informed permitting decisions and resource allocations, and to determine where total maximum daily loads (TMDLs), watershed protection plans, and other water quality improvement efforts are needed. Grant funding under the federal CWA, §319(h), is prioritized for water bodies identified as impaired.

Stakeholder involvement:

Biennially, an external advisory workgroup is convened to discuss proposed changes to the *Guidance for Assessing and Reporting Surface Water Quality in Texas*. The workgroup comprises of representatives from state agencies, municipalities, industry, environmental groups, and river authorities. For the draft 2024 IR, TCEQ convened a meeting with the external advisory workgroup on October 26, 2022, to review the assessment procedures that would be used to evaluate monitoring data.

Other stakeholder involvement includes a preliminary review of assessment results by data providers, such as TCEQ Regional Offices, river authorities, Texas State Soil and Water Conservation Board, the Texas Parks and Wildlife Department, and the Texas

Commissioners

Page 3

June 7, 2024

Re: Docket No. 2024-0489-MIS

Department of State Health Services. From October 16, 2023, to November 6, 2023, data providers previewed the preliminary assessment results and provided additional comments.

The Watershed Action Planning (WAP) process involves state agencies, river authorities, and other stakeholders in the IR process through review of assessment outcomes and category assignment. Strategies for addressing water quality impairments are developed through WAP proceedings.

EPA review:

The EPA reviews the draft assessment results upon release for public comment and reviews the final draft IR adopted by the commission under the provisions of the federal CWA. The Texas 303(d) List is only considered final upon approval by the EPA.

Public comment:

A 30-day public comment period occurred from February 9, 2024, through March 12, 2024. The agency received formal comments from the Harte Research Institute for Gulf of Mexico Studies, the City of Waxahachie, and Environmental Stewardship. Changes were made in response to the comment received by the Harte Research Institute for Gulf of Mexico Studies.

Recent changes:

No recent changes.

Potential controversial concerns and legislative interest:

The executive director is not aware of any potential controversial concerns or legislative interest.

Does this Integrated Report affect any current policies or require development of new policies?

No.

What are the consequences if this Integrated Report does not go forward? Are there alternatives?

States are required to submit the IR by April 1 of even-numbered years. TCEQ receives federal funds from EPA to assess water bodies and develop the IR. Loss of funding is a potential consequence of not proceeding with the IR. If TCEQ does not submit the IR, EPA has the authority to develop the IR and promulgate the 303(d) List of Impaired Waters. Additionally, stakeholders rely on the information contained in the IR when planning activities to address water quality. Delays in approval of the IR impact the ability of stakeholders to have the most recent information and make informed decisions when planning water quality management activities.

Key points in the schedule:

Texas Register public notice publication date: February 9, 2024

Commissioners

Page 4

June 7, 2024

Re: Docket No. 2024-0489-MIS

Draft proposal publication date (on TCEQ's Water Quality Planning Division's Web page): February 9, 2024

Public comment period: February 9, 2024 to March 12, 2024

Anticipated adoption date: June 26, 2024

Anticipated submittal to EPA: June 2024

Agency contacts:

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Michael Parr, Staff Attorney, Environmental Law Division, (512) 239-0611

Gwen Ricco, Texas Register/Agenda Coordinator, General Law Division, (512) 239-2678

Attachments

Summary 2024 IR for CWA, §303(d) and §305(b)

Draft 2024 Texas 303(d) List

Draft 2024 New Listings

Draft 2024 Delistings

Draft 2024 Public Comment and Response.

cc: Chief Clerk, 7 copies

Summary 2024 Texas Integrated Report for Clean Water Act, §305(b) and §303(d)

Parameters by Type	Media	Use	2022 Cat 5	2024 Cat 5	2024 Impairments (Categories 4 and 5)					Restored/ Protected ⁴
					All	WQS Review ¹ (5b)	WBP ² in Progress	Action TBD (5c)	WBP in Place ³	
Bacteria	In water	Recreation	342	350	567	83	25 (5a) 17 (5r)	153	214 (4a) 3 (4b) 72 (5r)	289
		General Use	2	1	1	-	-	1	-	-
	In shellfish	Oyster Waters	10	20	32	-	-	20	12 (4a)	-
	Beaches	Beach Use	4	4	6	-	2 (5a)	2	2 (4a)	-
Dissolved Oxygen	In water	Aquatic Life	135	137	154	35	1 (5r)	80	17 (4a) 21 (5r)	197
Toxicity	In ambient water	Aquatic Life	4	4	4	-	-	4	-	-
	In ambient sediment		6	6	6	-	-	6	-	-
Organics in edible tissue	Dieldrin	Fish Consumption, Aquatic Life	1	1	2	-	-	1	1 (4a)	6
	Other legacy organics		-	-	-	-	-	-	-	85
	Dioxin		145	145	145	-	-	145	-	-
	PCBs		143	143	150	-	-	143	7 (4a)	-
	PFAS		-	4	4	-	-	4	-	-
Metals (except Mercury)	In water	Fish Consumption, Aquatic Life	15	16	16	-	-	16	-	-
	In fish/shellfish		-	-	1	-	-	-	1 (4a)	-
Mercury	In fish/shellfish	Fish Consumption, Oyster Waters, Aquatic Life	71	71	72	-	-	71	1 (4b)	-
Dissolved Solids	Chloride	General	29	28	30	5	-	23	2 (4a)	10
	Sulfate		19	27	31	14	-	13	4 (4a)	6
	Total dissolved solids		22	31	39	5	-	20	8 (4a) 6 (5r)	16
Temperature	In water	General	1	-	-	-	-	-	-	-
pH	In water	General	32	31	32	14	-	17	1 (4a)	1
Excessive Algal Growth	In water	General	45	44	49	-	-	44	5 (4a)	1
Biological	Fish community	Aquatic Life	14	16	16	-	-	14	2 (5r)	-
	Macrobenthos community	Aquatic Life	11	13	13	-	-	12	1 (5r)	-
Contaminant	In water	Public Water Supply	-	-	-	-	-	-	-	4
Total AUs:			1051	1092	1370	156	45	789	380	615

¹ 24 of these water bodies have a Watershed Based Plan (WBP). WBP may include a Total Maximum Daily Load (TMDL) and/or a Watershed Protection Plan (WPP).

² WBP in progress. (impairments only)

³ WBP in Place. Adopted/Approved TMDLs and Accepted WPPs (impairments only). 41 AUs have both a TMDL and WPP.

⁴ TMDL/WPP Restored and Protected (AUs that are not impaired). 47 AUs have both a TMDL and WPP.

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

As required under Sections 303(d) and 305(b) of the federal Clean Water Act, this list identifies the water bodies in or bordering Texas for which effluent limitations are not stringent enough to implement water quality standards, and for which the associated pollutants are suitable for measurement by maximum daily load.

In addition, the TCEQ also develops a schedule identifying Total Maximum Daily Loads (TMDLs) that will be initiated in the next two years for priority impaired waters. Issuance of permits to discharge into 303(d)-listed water bodies is described in the TCEQ regulatory guidance document *Procedures to Implement the Texas Surface Water Quality Standards* (June 2010, RG-194). Impairments are limited to the geographic area described by the Assessment Unit and identified with a six or seven-digit AU_ID. A management strategy will be assigned to each impairment. Specific strategies may include TMDL development, water quality standards evaluation, or additional monitoring.

Explanation of Column Headings

SegID and Name: The unique identifier (SegID) and name 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 (TSWQS). 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.

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.

Parameter(s): Pollutants or water quality conditions that assessment procedures indicate do not meet assigned water quality standards.

Category: One of four subcategories assigned to each impaired parameter to provide information about water quality status and management activities on that water body. The categories are defined below:

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.

Year Segment First Listed : The initial assessment year the pollutant or water quality condition in this water body (Segment, not specifically the year for each AU_ID) did not meet water quality standards.

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
0101A	Dixon Creek	0101A_01	Depressed dissolved oxygen in water	2000	5c
			Selenium in water	2010	5c
0102	Lake Meredith	0102_01	Chloride in water	2006	5c
			Mercury in edible tissue	2002	5c
			Total dissolved solids in water	2006	5c
		0102_02	Chloride in water	2006	5c
			Mercury in edible tissue	2002	5c
			Total dissolved solids in water	2006	5c
0103	Canadian River Above Lake Meredith	0103_01	Chloride in water	2006	5c
		0103_02	Chloride in water	2006	5c
		0103_03	Chloride in water	2006	5c
0105	Rita Blanca Lake	0105_01	Depressed dissolved oxygen in water	2018	5c
			pH	2006	5c
0201A	Mud Creek	0201A_01	Bacteria in water (Recreation Use)	2002	5b
			Depressed dissolved oxygen in water	2006	5c
0201D	Barkman Creek	0201D_01	Bacteria in water (Recreation Use)	2022	5c
0202A	Bois D' Arc Creek	0202A_02	Depressed dissolved oxygen in water	2024	5r
		0202A_03	Bacteria in water (Recreation Use)	2010	5b
0202C	Pecan Bayou	0202C_01	Bacteria in water (Recreation Use)	2018	5b
0202E	Post Oak Creek	0202E_01	Bacteria in water (Recreation Use)	2016	5c
0202F	Choctaw Creek	0202F_01	Bacteria in water (Recreation Use)	2010	5b
		0202F_02	Bacteria in water (Recreation Use)	2010	5b
0202G	Smith Creek	0202G_01	Bacteria in water (Recreation Use)	2006	5b
0202H	Big Pine Creek	0202H_01	Bacteria in water (Recreation Use)	2024	5c
0202I	Little Pine Creek	0202I_01	Bacteria in water (Recreation Use)	2022	5c
			Depressed dissolved oxygen in water	2014	5c
0202L	Honey Grove Creek	0202L_01	Bacteria in water (Recreation Use)	2016	5b
0202N	Hicks Creek	0202N_01	Bacteria in water (Recreation Use)	2020	5b
0202P	Six Mile Creek	0202P_01	Bacteria in water (Recreation Use)	2022	5c
0203A	Big Mineral Creek	0203A_01	Bacteria in water (Recreation Use)	2022	5c
0204	Red River Above Lake Texoma	0204_02	Bacteria in water (Recreation Use)	2022	5c

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category	
0205	Red River Below Pease River	0205_01	Bacteria in water (Recreation Use)	2012	5c	
0205A	Wildhorse Creek	0205A_01	Bacteria in water (Recreation Use)	2018	5b	
0206	Red River Above Pease River	0206_02	Bacteria in water (Recreation Use)	2022	5c	
0206B	South Groesbeck Creek	0206B_01	Bacteria in water (Recreation Use)	2006	5b	
0207	Lower Prairie Dog Town Fork Red River	0207_01	Bacteria in water (Recreation Use)	2006	5b	
		0207_04	Bacteria in water (Recreation Use)	2006	5b	
0208	Lake Crook	0208_01	Excessive algal growth in water	2022	5c	
0209	Pat Mayse Lake	0209_01	Excessive algal growth in water	2022	5c	
		0209_02	Excessive algal growth in water	2022	5c	
0212A	Little Wichita River above Lake Arrowhead	0212A_01	Bacteria in water (Recreation Use)	2020	5c	
0214	Wichita River Below Diversion Lake Dam	0214_03	Bacteria in water (Recreation Use)	2006	5c	
		0214_05	Bacteria in water (Recreation Use)	2006	5c	
0214A	Beaver Creek	0214A_02	Bacteria in water (Recreation Use)	2006	5c	
0214F	Unnamed tributary of Buffalo Creek	0214F_01	Bacteria in water (Recreation Use)	2016	5b	
0217	Lake Kemp	0217_01	Excessive algal growth in water	2024	5c	
		0217_02	Excessive algal growth in water	2024	5c	
0218	Wichita/North Fork Wichita River	0218_03	Bacteria in water (Recreation Use)	2022	5c	
0221	Middle Fork Pease River	0221_01	Chloride in water	2020	5c	
			Sulfate in water	2020	5c	
			Total dissolved solids in water	2020	5c	
0223	Greenbelt Lake	0223_01	Excessive algal growth in water	2020	5n	
0226	South Fork Wichita River		0226_01	Chloride in water	2006	5c
			0226_02	Chloride in water	2006	5c
			0226_03	Chloride in water	2006	5c
			0226_04	Chloride in water	2006	5c
0228	Mackenzie Reservoir	0228_01	Total dissolved solids in water	2014	5c	
0229	Upper Prairie Dog Town Fork Red River	0229_02	Depressed dissolved oxygen in water	2018	5c	
			pH	2006	5c	
0299A	Sweetwater Creek	0299A_01	Bacteria in water (Recreation Use)	2002	5c	
0302	Wright Patman Lake	0302_12	pH	2000	5b	
0302A	Big Creek	0302A_02	Depressed dissolved oxygen in water	2020	5c	

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
0302H	Elliott Creek	0302H_01	Depressed dissolved oxygen in water	2020	5c
0303B	White Oak Creek	0303B_01	Bacteria in water (Recreation Use)	2006	5b
		0303B_03	Bacteria in water (Recreation Use)	2006	5b
		0303B_04	Bacteria in water (Recreation Use)	2006	5b
0303D	Rock Creek	0303D_01	Bacteria in water (Recreation Use)	2024	5c
0303N	Horse Creek	0303N_01	Depressed dissolved oxygen in water	2024	5c
0303P	Mustang Creek	0303P_01	Depressed dissolved oxygen in water	2020	5c
0304	Days Creek	0304_01	Bacteria in water (Recreation Use)	2018	5c
0304C	Wagner Creek	0304C_01	Bacteria in water (Recreation Use)	2016	5c
			Depressed dissolved oxygen in water	2022	5c
0306	Upper South Sulphur River	0306_01	Bacteria in water (Recreation Use)	2020	5c
0307A	Middle Sulphur River	0307A_01	Bacteria in water (Recreation Use)	2020	5c
0401	Caddo Lake	0401_01	Mercury in edible tissue	1996	5c
			Depressed dissolved oxygen in water	2000	5c
		0401_02	Mercury in edible tissue	1996	5c
			Depressed dissolved oxygen in water	2000	5c
		0401_03	Mercury in edible tissue	1996	5c
			Depressed dissolved oxygen in water	2000	5c
		0401_05	Mercury in edible tissue	1996	5c
Depressed dissolved oxygen in water	2000		5c		
0401_07	Mercury in edible tissue	1996	5c		
	Depressed dissolved oxygen in water	2000	5c		
0401A	Harrison Bayou	0401A_01	Bacteria in water (Recreation Use)	2022	5c
			Depressed dissolved oxygen in water	2000	5c
0402	Big Cypress Creek Below Lake O' the Pines	0402_01	Mercury in edible tissue	1998	5c
			Depressed dissolved oxygen in water	2010	5c
		0402_02	Mercury in edible tissue	1998	5c
			Mercury in edible tissue	1998	5c
0402_03	Mercury in edible tissue	1998	5c		
	Mercury in edible tissue	1998	5c		
0402_04	Mercury in edible tissue	1998	5c		
	Mercury in edible tissue	1998	5c		

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
0403	Lake O' the Pines	0403_01	pH	2016	5c
		0403_02	pH	2016	5c
		0403_03	pH	2016	5c
0404	Big Cypress Creek Below Lake Bob Sandlin	0404_02	Bacteria in water (Recreation Use)	2002	5b
0404A	Ellison Creek Reservoir	0404A_01	Dioxin in edible tissue	2016	5c
			PCBs in edible tissue	2006	5c
			Toxicity in sediment	2006	5c
0404B	Tankersley Creek	0404B_01	Bacteria in water (Recreation Use)	2000	5b
0404C	Hart Creek	0404C_01	Bacteria in water (Recreation Use)	2006	5b
0404E	Dry Creek	0404E_01	Bacteria in water (Recreation Use)	2020	5b
0404F	Sparks Branch	0404F_01	Bacteria in water (Recreation Use)	2022	5c
0404J	Prairie Creek	0404J_01	Depressed dissolved oxygen in water	2020	5c
0404N	Lake Daingerfield	0404N_01	Mercury in edible tissue	2002	5c
0405	Lake Cypress Springs	0405_01	Excessive algal growth in water	2016	5n
			pH	2012	5c
		0405_02	Excessive algal growth in water	2016	5n
0405A	Big Cypress Creek	0405A_01	Excessive algal growth in water	2016	5n
			pH	2012	5c
0405A	Big Cypress Creek	0405A_01	Bacteria in water (Recreation Use)	2016	5b
			Depressed dissolved oxygen in water	2014	5c
0406	Black Bayou	0406_01	Depressed dissolved oxygen in water	2002	5c
		0406_02	Bacteria in water (Recreation Use)	2006	5c
			Depressed dissolved oxygen in water	2002	5c
0407	James' Bayou	0407_01	Bacteria in water (Recreation Use)	2006	5b
		0407_02	Bacteria in water (Recreation Use)	2006	5b
			Depressed dissolved oxygen in water	2000	5c
0409	Little Cypress Bayou (Creek)	0409_02	Bacteria in water (Recreation Use)	2006	5c
			Depressed dissolved oxygen in water	2000	5c
		0409_03	Bacteria in water (Recreation Use)	2006	5c
0409A	Lilly Creek	0409A_01	Bacteria in water (Recreation Use)	2006	5c
			Bacteria in water (Recreation Use)	2016	5b

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
0409B	South Lilly Creek	0409B_01	Depressed dissolved oxygen in water	2022	5c
0410	Black Cypress Bayou (Creek)	0410_01	Copper in water	2010	5c
		0410_03	Copper in water	2010	5c
			Lead in water	2020	5c
		0410_04	Mercury in edible tissue	2000	5c
0410A	Black Cypress Creek/Bayou	0410A_01	Depressed dissolved oxygen in water	2000	5c
0501	Sabine River Tidal	0501_01	Bacteria in water (Recreation Use)	2018	5b
			PCBs in edible tissue	2006	5c
		0501_02	Bacteria in water (Recreation Use)	2006	5c
			PCBs in edible tissue	2012	5c
0501_03	PCBs in edible tissue	2012	5c		
	0501B	0501B_01	Bacteria in water (Recreation Use)	2012	5c
Depressed dissolved oxygen in water			2006	5b	
Toxicity in water			2006	5b	
0501B_02		Bacteria in water (Recreation Use)	2004	5c	
		Depressed dissolved oxygen in water	2006	5b	
		Toxicity in water	2006	5b	
0501B_03		Bacteria in water (Recreation Use)	2004	5c	
		Depressed dissolved oxygen in water	2006	5b	
		Toxicity in water	2006	5b	
0502A	Nichols Creek	0502A_01	Depressed dissolved oxygen in water	2004	5c
0502B	Caney Creek	0502B_02	Bacteria in water (Recreation Use)	2002	5b
0502E	Cypress Creek	0502E_01	Bacteria in water (Recreation Use)	2006	5c
0504	Toledo Bend Reservoir	0504_01	Depressed dissolved oxygen in water	2010	5b
		0504_02	Mercury in edible tissue	1998	5c
		0504_03	Mercury in edible tissue	1998	5c
		0504_04	Mercury in edible tissue	1998	5c
		0504_05	Mercury in edible tissue	1998	5c
		0504_06	Mercury in edible tissue	1998	5c
		0504_07	Mercury in edible tissue	1998	5c

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
0504	Toledo Bend Reservoir	0504_11	Mercury in edible tissue	1998	5c
		0504_12	Mercury in edible tissue	1998	5c
0504E	Clear Lake	0504E_01	Mercury in edible tissue	2006	5c
0505	Sabine River Above Toledo Bend Reservoir	0505_04	Bacteria in water (Recreation Use)	2002	5c
0505B	Grace Creek	0505B_01	Bacteria in water (Recreation Use)	2000	5b
		0505B_02	Bacteria in water (Recreation Use)	2000	5b
0505G	Wards Creek	0505G_01	Depressed dissolved oxygen in water	2000	5c
0505O	Hills Lake	0505O_01	Mercury in edible tissue	2006	5c
0506A	Harris Creek	0506A_01	Depressed dissolved oxygen in water	2000	5c
0507G	South Fork of Sabine River	0507G_01	Bacteria in water (Recreation Use)	2006	5b
0512	Lake Fork Reservoir	0512_05	pH	2016	5c
0512A	Running Creek	0512A_01	Bacteria in water (Recreation Use)	2002	5b
0512B	Elm Creek	0512B_01	Bacteria in water (Recreation Use)	2002	5b
0513	Big Cow Creek	0513_01	Bacteria in water (Recreation Use)	2018	5c
0514	Big Sandy Creek	0514_01	Bacteria in water (Recreation Use)	2006	5c
		0514_02	pH	2018	5c
0601	Neches River Tidal	0601_01	PCBs in edible tissue	2012	5c
		0601_02	PCBs in edible tissue	2012	5c
		0601_03	PCBs in edible tissue	2012	5c
		0601_04	PCBs in edible tissue	2012	5c
0601A	Star Lake Canal	0601A_01	Bacteria in water (Recreation Use)	2012	5c
0602	Neches River Below B. A. Steinhagen Lake	0602_02	Dioxin in edible tissue	2014	5c
			Mercury in edible tissue	2010	5c
		0602_03	Dioxin in edible tissue	2014	5c
			Mercury in edible tissue	2010	5c
		0602_04	Dioxin in edible tissue	2014	5c
			Mercury in edible tissue	2010	5c
0603	B. A. Steinhagen Lake	0603_01	Dioxin in edible tissue	2014	5c
			Mercury in edible tissue	1998	5c

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
0603	B. A. Steinhagen Lake	0603_02	Dioxin in edible tissue	2014	5c
			Mercury in edible tissue	1998	5c
0604	Neches River Below Lake Palestine	0604_01	Dioxin in edible tissue	2014	5c
			Mercury in edible tissue	2010	5c
		0604_02	Dioxin in edible tissue	2014	5c
			Mercury in edible tissue	2010	5c
		0604_03	Dioxin in edible tissue	2014	5c
			Mercury in edible tissue	2010	5c
0604A	Cedar Creek	0604A_03	Bacteria in water (Recreation Use)	2000	5c
			Depressed dissolved oxygen in water	2020	5c
0604B	Hurricane Creek	0604B_02	Bacteria in water (Recreation Use)	2000	5a
0604D	Piney Creek	0604D_01	Depressed dissolved oxygen in water	2004	5b
0604M	Biloxi Creek	0604M_02	Bacteria in water (Recreation Use)	2004	5a
		0604M_03	Depressed dissolved oxygen in water	2006	5c
0604T	Lake Ratcliff	0604T_01	Mercury in edible tissue	2002	5c
0605	Lake Palestine	0605_01	pH	2006	5b
		0605_02	pH	2006	5b
		0605_03	pH	2006	5b
		0605_09	pH	2006	5b
		0605_10	pH	2006	5b
		0605_11	pH	2006	5b
0605A	Kickapoo Creek in Henderson County	0605A_01	Bacteria in water (Recreation Use)	2000	5r
			Depressed dissolved oxygen in water	2006	5r
		0605A_02	Bacteria in water (Recreation Use)	2000	5r
0606	Neches River Above Lake Palestine	0606_01	Bacteria in water (Recreation Use)	2008	5c
		0606_02	Bacteria in water (Recreation Use)	2008	5c
			Depressed dissolved oxygen in water	2004	5b
0606A	Prairie Creek	0606A_01	Bacteria in water (Recreation Use)	2002	5b
		0606A_03	Bacteria in water (Recreation Use)	2002	5b
0606D	Black Fork Creek	0606D_02	Bacteria in water (Recreation Use)	2012	5b

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
0607	Pine Island Bayou	0607_01	Depressed dissolved oxygen in water	2000	5b
		0607_02	Depressed dissolved oxygen in water	2000	5b
		0607_03	Bacteria in water (Recreation Use)	2008	5c
			Depressed dissolved oxygen in water	2000	5b
0607_04	Depressed dissolved oxygen in water	2000	5b		
0607A	Boggy Creek	0607A_02	Bacteria in water (Recreation Use)	2022	5b
			Depressed dissolved oxygen in water	2000	5b
0607B	Little Pine Island Bayou	0607B_01	Bacteria in water (Recreation Use)	2006	5c
			Depressed dissolved oxygen in water	2000	5b
0607C	Willow Creek	0607C_01	Bacteria in water (Recreation Use)	2022	5b
			Depressed dissolved oxygen in water	2000	5b
0608	Village Creek	0608_01	Mercury in edible tissue	2010	5c
		0608_02	Mercury in edible tissue	2010	5c
		0608_03	Mercury in edible tissue	2010	5c
0608A	Beech Creek	0608A_01	Copper in water	2014	5c
		0608A_02	Bacteria in water (Recreation Use)	2006	5c
0608C	Cypress Creek	0608C_01	Depressed dissolved oxygen in water	2000	5b
0608E	Mill Creek in Hardin County	0608E_01	Depressed dissolved oxygen in water	2006	5c
0608F	Turkey Creek	0608F_02	Bacteria in water (Recreation Use)	2000	5c
0608G	Lake Kimball	0608G_01	Mercury in edible tissue	2000	5c
0609	Angelina River Below Sam Rayburn Reservoir	0609_01	Dioxin in edible tissue	2014	5c
			Mercury in edible tissue	2014	5c
0610	Sam Rayburn Reservoir	0610_01	Dioxin in edible tissue	2014	5c
			Excessive algal growth in water	2022	5c
			Mercury in edible tissue	1996	5c
		0610_02	Dioxin in edible tissue	2014	5c
			Excessive algal growth in water	2022	5c
			Mercury in edible tissue	1996	5c

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category		
0610	Sam Rayburn Reservoir	0610_03	Dioxin in edible tissue	2014	5c		
			Excessive algal growth in water	2022	5c		
			Mercury in edible tissue	1996	5c		
		0610_04	Dioxin in edible tissue	2014	5c		
			Excessive algal growth in water	2022	5c		
			Mercury in edible tissue	1996	5c		
		0610_05	Dioxin in edible tissue	2014	5c		
			Excessive algal growth in water	2022	5c		
			Mercury in edible tissue	1996	5c		
			pH	2022	5c		
		0610_06	Dioxin in edible tissue	2014	5c		
			Excessive algal growth in water	2022	5c		
			Mercury in edible tissue	1996	5c		
		0610_07	Dioxin in edible tissue	2014	5c		
			Excessive algal growth in water	2022	5c		
			Mercury in edible tissue	1996	5c		
		0610_08	Dioxin in edible tissue	2014	5c		
			Excessive algal growth in water	2022	5c		
			Mercury in edible tissue	1996	5c		
		0610_09	Dioxin in edible tissue	2014	5c		
			Excessive algal growth in water	2022	5c		
			Mercury in edible tissue	1996	5c		
		0610_10	Dioxin in edible tissue	2014	5c		
			Excessive algal growth in water	2022	5c		
			Mercury in edible tissue	1996	5c		
		0610A	Ayish Bayou	0610A_01	Bacteria in water (Recreation Use)	2000	5a
				0610A_02	Bacteria in water (Recreation Use)	2000	5a
		0610P	Bayou Carrizo	0610P_01	Bacteria in water (Recreation Use)	2022	5c

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
0611	Angelina River Above Sam Rayburn Reservoir	0611_01	Bacteria in water (Recreation Use)	2000	5c
		0611_03	Bacteria in water (Recreation Use)	2000	5c
		0611_04	Bacteria in water (Recreation Use)	2000	5c
0611A	East Fork Angelina River	0611A_01	Bacteria in water (Recreation Use)	2002	5c
		0611A_02	Bacteria in water (Recreation Use)	2002	5c
0611B	La Nana Bayou	0611B_01	Bacteria in water (Recreation Use)	2000	5r
		0611B_02	Bacteria in water (Recreation Use)	2000	5r
		0611B_03	Bacteria in water (Recreation Use)	2000	5r
0611C	Mud Creek	0611C_01	Bacteria in water (Recreation Use)	2010	5b
		0611C_02	Bacteria in water (Recreation Use)	2010	5b
0611D	West Mud Creek	0611D_01	Bacteria in water (Recreation Use)	2010	5c
0612	Attoyac Bayou	0612_01	Bacteria in water (Recreation Use)	2004	5r
		0612_02	Bacteria in water (Recreation Use)	2004	5r
		0612_03	Bacteria in water (Recreation Use)	2004	5r
0612F	West Creek	0612F_01	Bacteria in water (Recreation Use)	2022	5b
0613	Lake Tyler/Lake Tyler East	0613_02	Excessive algal growth in water	2022	5c
		0613_03	Excessive algal growth in water	2022	5c
		0613_04	Excessive algal growth in water	2022	5c
0615	Angelina River/Sam Rayburn Reservoir	0615_01	Bacteria in water (Recreation Use)	2006	5c
			Depressed dissolved oxygen in water	2002	5c
			Dioxin in edible tissue	2014	5c
			Mercury in edible tissue	2002	5c
			pH	2024	5c
0615A	Paper Mill Creek	0615A_01	Bacteria in water (Recreation Use)	2006	5b
0701	Taylor Bayou/North Fork Taylor Bayou Above Tidal	0701_01	Depressed dissolved oxygen in water	1996	5c
		0701_02	Depressed dissolved oxygen in water	1996	5c
0701D	Shallow Prong Lake	0701D_01	Depressed dissolved oxygen in water	2004	5c
0702	Intracoastal Waterway Tidal	0702_03	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
0702A	Alligator Bayou and Main Canals A, B, C, and D	0702A_01	Toxicity in sediment	1998	5c
		0702A_03	Toxicity in water	1998	5c
0704	Hillebrandt Bayou	0704_01	Depressed dissolved oxygen in water	1998	5c
0801C	Cotton Bayou Tidal	0801C_01	Bacteria in water (Recreation Use)	2010	5c
			Depressed dissolved oxygen in water	2006	5b
0801E	Cotton Bayou Above Tidal	0801E_01	Bacteria in water (Recreation Use)	2024	5a
0802	Trinity River Below Lake Livingston	0802_01	Dioxin in edible tissue	2016	5c
			PCBs in edible tissue	2016	5c
		0802_02	Dioxin in edible tissue	2016	5c
			PCBs in edible tissue	2016	5c
		0802_03	Dioxin in edible tissue	2016	5c
			PCBs in edible tissue	2016	5c
		0802_04	Dioxin in edible tissue	2016	5c
			PCBs in edible tissue	2016	5c
		0802_05	Dioxin in edible tissue	2016	5c
			PCBs in edible tissue	2016	5c
0803	Lake Livingston	0803_01	Dioxin in edible tissue	2016	5c
			PCBs in edible tissue	2016	5c
		0803_02	Dioxin in edible tissue	2016	5c
			PCBs in edible tissue	2016	5c
		0803_03	Dioxin in edible tissue	2016	5c
			PCBs in edible tissue	2016	5c
		0803_04	Dioxin in edible tissue	2016	5c
			PCBs in edible tissue	2016	5c
		0803_05	Dioxin in edible tissue	2016	5c
			PCBs in edible tissue	2016	5c
		0803_06	Dioxin in edible tissue	2016	5c
			PCBs in edible tissue	2016	5c
		0803_07	Dioxin in edible tissue	2016	5c
			PCBs in edible tissue	2016	5c

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category		
0803	Lake Livingston	0803_08	Dioxin in edible tissue	2016	5c		
			PCBs in edible tissue	2016	5c		
		0803_09	Dioxin in edible tissue	2016	5c		
			PCBs in edible tissue	2016	5c		
		0803_10	Dioxin in edible tissue	2016	5c		
			PCBs in edible tissue	2016	5c		
		0803_11	Dioxin in edible tissue	2016	5c		
			PCBs in edible tissue	2016	5c		
		0803_12	Dioxin in edible tissue	2016	5c		
			PCBs in edible tissue	2016	5c		
		0803G	Lake Madisonville	0803G_01	Mercury in edible tissue	2010	5c
		0804	Trinity River Above Lake Livingston	0804_01	Dioxin in edible tissue	2010	5c
PCBs in edible tissue	2010				5c		
0804_02	Dioxin in edible tissue			2010	5c		
	PCBs in edible tissue			2010	5c		
0804_03	Dioxin in edible tissue			2010	5c		
	PCBs in edible tissue			2010	5c		
0804_04	Dioxin in edible tissue			2010	5c		
	PCBs in edible tissue			2010	5c		
0804_05	Dioxin in edible tissue			2010	5c		
	PCBs in edible tissue			2010	5c		
0804_06	Dioxin in edible tissue			2010	5c		
	PCBs in edible tissue			2010	5c		
0804_07	Dioxin in edible tissue			2010	5c		
	PCBs in edible tissue			2010	5c		
0804F	Tehuacana Creek	0804F_02	Bacteria in water (Recreation Use)	2024	5c		
0804G	Catfish Creek	0804G_01	Bacteria in water (Recreation Use)	2010	5b		
			Depressed dissolved oxygen in water	2006	5c		

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
0804H	Upper Keechi Creek	0804H_01	Bacteria in water (Recreation Use)	2022	5c
			Depressed dissolved oxygen in water	2010	5c
0804K	Lower Keechi Creek	0804K_01	Bacteria in water (Recreation Use)	2018	5b
0804L	Town Creek	0804L_01	Bacteria in water (Recreation Use)	2020	5c
0804M	Bassett Creek	0804M_01	Impaired fish community in water	2018	5c
			Impaired macrobenthic community in water	2018	5c
		0804M_02	Impaired fish community in water	2018	5c
			Impaired macrobenthic community in water	2018	5c
0805	Upper Trinity River	0805_01	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2002	5c
		0805_02	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2002	5c
		0805_03	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2002	5c
		0805_04	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2002	5c
		0805_06	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2002	5c
0806	West Fork Trinity River Below Lake Worth	0806_01	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	1996	5c
		0806_02	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	1996	5c
0806B	Echo Lake	0806B_01	Dieldrin in edible tissue	2016	5c
			Dioxin in edible tissue	2016	5c
0806D	Marine Creek	0806D_01	Bacteria in water (Recreation Use)	2006	5c
0807	Lake Worth	0807_01	Dioxin in edible tissue	2018	5c
0808	West Fork Trinity River Below Eagle Mountain Reservoir	0808_01	Dioxin in edible tissue	2022	5c
0809B	Ash Creek	0809B_01	Bacteria in water (Recreation Use)	2014	5b
0809C	Dosier Creek	0809C_01	Bacteria in water (Recreation Use)	2020	5b
0809D	Derrett Creek	0809D_01	Bacteria in water (Recreation Use)	2020	5b
0810	West Fork Trinity River Below Bridgeport Reservoir	0810_01	Bacteria in water (Recreation Use)	1998	5c

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
0810C	Martin Branch	0810C_01	Bacteria in water (Recreation Use)	2006	5c
0811	Bridgeport Reservoir	0811_01	Excessive algal growth in water	2022	5c
		0811_02	Excessive algal growth in water	2022	5c
		0811_03	Excessive algal growth in water	2022	5c
		0811_04	Excessive algal growth in water	2022	5c
		0811_05	Excessive algal growth in water	2022	5c
0811A	Big Creek	0811A_01	Bacteria in water (Recreation Use)	2022	5c
0811B	Beans Creek	0811B_01	Bacteria in water (Recreation Use)	2020	5b
0812	West Fork Trinity River Above Bridgeport Reservoir	0812_01	Bacteria in water (Recreation Use)	2016	5c
			Chloride in water	1998	5c
			Total dissolved solids in water	1998	5c
		0812_02	Chloride in water	1998	5c
			Total dissolved solids in water	1998	5c
0813	Houston County Lake	0813_01	Excessive algal growth in water	2022	5c
0814	Chambers Creek Above Richland-Chambers Reservoir	0814_02	Bacteria in water (Recreation Use)	2020	5b
0818	Cedar Creek Reservoir	0818_02	pH	2002	5b
		0818_03	pH	2002	5b
		0818_05	pH	2002	5b
		0818_07	pH	2002	5b
		0818_08	pH	2002	5b
		0818_09	pH	2002	5b
		0818_12	pH	2002	5b
0818B	Cedar Creek above Cedar Creek Reservoir	0818B_01	Bacteria in water (Recreation Use)	2018	5b
0818C	Kings Creek	0818C_01	Bacteria in water (Recreation Use)	2018	5b
0818D	Lacy Fork	0818D_01	Bacteria in water (Recreation Use)	2022	5b
0818F	Clear Creek	0818F_01	Bacteria in water (Recreation Use)	2024	5c
0818G	North Twin Creek	0818G_01	Bacteria in water (Recreation Use)	2022	5c
0818H	South Twin Creek	0818H_01	Bacteria in water (Recreation Use)	2024	5c
0818I	Caney Creek	0818I_01	Bacteria in water (Recreation Use)	2024	5c
0819	East Fork Trinity River	0819_01	Bacteria in water (Recreation Use)	2020	5c
0820B	Rowlett Creek	0820B_01	Bacteria in water (Recreation Use)	2014	5r

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
0821A	Pilot Grove Creek	0821A_02	Bacteria in water (Recreation Use)	2022	5r
0821C	Wilson Creek	0821C_01	Bacteria in water (Recreation Use)	2010	5r
0821D	East Fork Trinity River above Lake Lavon	0821D_01	Bacteria in water (Recreation Use)	2010	5r
0822	Elm Fork Trinity River Below Lewisville Lake	0822_02	Cadmium in water	2024	5c
0823C	Clear Creek	0823C_01	Bacteria in water (Recreation Use)	2020	5b
0824	Elm Fork Trinity River Above Ray Roberts Lake	0824_03	Bacteria in water (Recreation Use)	2016	5c
0826	Grapevine Lake	0826_07	pH	2012	5c
0827A	White Rock Creek above White Rock Lake	0827A_01	Bacteria in water (Recreation Use)	2016	5c
0828A	Village Creek	0828A_01	Bacteria in water (Recreation Use)	2010	5r
0829	Clear Fork Trinity River Below Benbrook Lake	0829_01	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	1996	5c
		0829_02	Bacteria in water (Recreation Use)	2018	5c
			Dioxin in edible tissue	2010	5c
		0829_03	PCBs in edible tissue	1996	5c
			Dioxin in edible tissue	2010	5c
0829A	Lake Como	0829A_01	PCBs in edible tissue	1996	5c
0831	Clear Fork Trinity River Below Lake Weatherford	0831_01	Bacteria in water (Recreation Use)	2016	5c
		0831_04	Depressed dissolved oxygen in water	1996	5c
0833	Clear Fork Trinity River Above Lake Weatherford	0833_04	Depressed dissolved oxygen in water	1998	5b
0833A	Clear Fork Trinity River Above Strickland Creek.	0833A_01	Depressed dissolved oxygen in water	1998	5c
0836	Richland-Chambers Reservoir	0836_07	Bacteria in water (Recreation Use)	2018	5c
0836B	Cedar Creek	0836B_01	Depressed dissolved oxygen in water	2010	5b
0836C	Grape Creek	0836C_01	Depressed dissolved oxygen in water	2022	5c
0836D	Post Oak Creek	0836D_01	Bacteria in water (Recreation Use)	2024	5c
0837	Richland Creek Above Richland-Chambers Reservoir	0837_01	Bacteria in water (Recreation Use)	2020	5c
0841	Lower West Fork Trinity River	0841_01	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	1996	5c

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
0841	Lower West Fork Trinity River	0841_02	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	1996	5c
0841A	Mountain Creek Lake	0841A_01	Dioxin in edible tissue	2016	5c
0841I	Dry Branch Creek	0841I_01	Bacteria in water (Recreation Use)	2020	5a
0841P	North Fork Cottonwood Creek	0841P_01	Bacteria in water (Recreation Use)	2020	5c
0901	Cedar Bayou Tidal	0901_01	Bacteria in water (Recreation Use)	2006	5r
			Dioxin in edible tissue	2002	5c
			PCBs in edible tissue	2008	5c
0901A	Cary Bayou	0901A_01	Bacteria in water (Recreation Use)	2018	5r
			Depressed dissolved oxygen in water	2018	5r
0902	Cedar Bayou Above Tidal	0902_01	Bacteria in water (Recreation Use)	2018	5r
			Depressed dissolved oxygen in water	2018	5r
1001	San Jacinto River Tidal	1001_01	Dioxin in edible tissue	2000	5c
			PCBs in edible tissue	2002	5c
		1001_02	Dioxin in edible tissue	2000	5c
			PCBs in edible tissue	2002	5c
1001D	Bear Lake	1001D_01	Dioxin in edible tissue	2022	5c
			PCBs in edible tissue	2022	5c
1002	Lake Houston	1002_02	pH	2016	5c
1002A	Tarkington Bayou	1002A_01	Bacteria in water (Recreation Use)	2022	5c
1002C	Lake Isabell	1002C_01	Mercury in edible tissue	2010	5c
1003A	Winters Bayou	1003A_01	Bacteria in water (Recreation Use)	2022	5r
1004J	White Oak Creek	1004J_01	Bacteria in water (Recreation Use)	2020	5a
1005	Houston Ship Channel/San Jacinto River Tidal	1005_01	Dioxin in edible tissue	1996	5c
			PCBs in edible tissue	2002	5c
		1005_02	Dioxin in edible tissue	1996	5c
			PCBs in edible tissue	2002	5c
		1005_03	Dioxin in edible tissue	1996	5c
			PCBs in edible tissue	2002	5c

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
1005	Houston Ship Channel/San Jacinto River Tidal	1005_04	Dioxin in edible tissue	1996	5c
			PCBs in edible tissue	2002	5c
1006	Houston Ship Channel Tidal	1006_01	Dioxin in edible tissue	1996	5c
			PCBs in edible tissue	2002	5c
		1006_02	Dioxin in edible tissue	1996	5c
			PCBs in edible tissue	2002	5c
		1006_03	Dioxin in edible tissue	1996	5c
			PCBs in edible tissue	2002	5c
		1006_04	Dioxin in edible tissue	1996	5c
			PCBs in edible tissue	2002	5c
			Toxicity in sediment	2000	5c
		1006_05	Dioxin in edible tissue	1996	5c
			PCBs in edible tissue	2002	5c
		1006_06	Dioxin in edible tissue	1996	5c
			PCBs in edible tissue	2002	5c
		1006_07	Dioxin in edible tissue	1996	5c
PCBs in edible tissue	2002		5c		
1006L	Kennedy Gully	1006L_01	Bacteria in water (Recreation Use)	2024	5c
			Depressed dissolved oxygen in water	2024	5c
1007	Houston Ship Channel/Buffalo Bayou Tidal	1007_01	Dioxin in edible tissue	1996	5c
			PCBs in edible tissue	2002	5c
		1007_02	Dioxin in edible tissue	1996	5c
			PCBs in edible tissue	2002	5c
		1007_03	Dioxin in edible tissue	1996	5c
			PCBs in edible tissue	2002	5c
		1007_04	Dioxin in edible tissue	1996	5c
			PCBs in edible tissue	2002	5c

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
1007	Houston Ship Channel/Buffalo Bayou Tidal	1007_05	Bacteria in water (General Use)	2006	5c
			Dioxin in edible tissue	1996	5c
			PCBs in edible tissue	2002	5c
			Toxicity in sediment	2000	5c
		1007_06	Dioxin in edible tissue	1996	5c
			PCBs in edible tissue	2002	5c
		1007_07	Dioxin in edible tissue	1996	5c
			PCBs in edible tissue	2002	5c
1007_08	Dioxin in edible tissue	1996	5c		
	PCBs in edible tissue	2002	5c		
1007H	Pine Gully Above Tidal	1007H_01	Depressed dissolved oxygen in water	2010	5c
1007I	Plum Creek Above Tidal	1007I_01	Depressed dissolved oxygen in water	2010	5c
1007K	Country Club Bayou Above Tidal	1007K_01	Depressed dissolved oxygen in water	2002	5c
1007O	Unnamed Non-Tidal Tributary of Buffalo Bayou	1007O_01	Depressed dissolved oxygen in water	2002	5c
1007R	Hunting Bayou Above Tidal	1007R_01	Depressed dissolved oxygen in water	2002	5c
		1007R_04	Depressed dissolved oxygen in water	2002	5c
1007W	Harris County Flood Control Ditch D 138	1007W_01	Depressed dissolved oxygen in water	2024	5c
1008A	Mill Creek	1008A_01	Bacteria in water (Recreation Use)	2024	5r
1013A	Little White Oak Bayou	1013A_01	Depressed dissolved oxygen in water	2002	5c
1013C	Unnamed Non-Tidal Tributary of Buffalo Bayou Tidal	1013C_01	Depressed dissolved oxygen in water	2014	5c
1014M	Newman Branch (Neimans Bayou)	1014M_01	Depressed dissolved oxygen in water	2002	5c
			Impaired fish community in water	2010	5c
			Impaired macrobenthic community in water	2010	5c
1016D	Unnamed Tributary of Greens Bayou	1016D_01	Depressed dissolved oxygen in water	2002	5c
1017D	Unnamed Tributary of Whiteoak Bayou	1017D_01	Depressed dissolved oxygen in water	2002	5c
1101	Clear Creek Tidal	1101_01	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
		1101_02	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
1101	Clear Creek Tidal	1101_03	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
		1101_04	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
1101D	Robinson Bayou	1101D_01	Depressed dissolved oxygen in water	2022	5r
1101E	Unnamed Tributary of Clear Creek Tidal	1101E_01	Depressed dissolved oxygen in water	2010	5b
1102	Clear Creek Above Tidal	1102_01	PCBs in edible tissue	2010	5c
		1102_02	PCBs in edible tissue	2010	5c
		1102_03	PCBs in edible tissue	2010	5c
		1102_04	PCBs in edible tissue	2010	5c
		1102_05	PCBs in edible tissue	2010	5c
1103	Dickinson Bayou Tidal	1103_01	Depressed dissolved oxygen in water	1996	5b
			Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
		1103_02	Depressed dissolved oxygen in water	1996	5b
			Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
		1103_03	Depressed dissolved oxygen in water	1996	5b
			Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
		1103_04	Depressed dissolved oxygen in water	1996	5b
			Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
1103A	Bensons Bayou	1103A_01	Depressed dissolved oxygen in water	2016	5b
1103B	Bordens Gully	1103B_01	Depressed dissolved oxygen in water	2018	5b
1103C	Geisler Bayou	1103C_01	Depressed dissolved oxygen in water	2010	5b
1103F	Unnamed Tributary of Dickinson Bayou Tidal	1103F_01	Depressed dissolved oxygen in water	2020	5b
1105	Bastrop Bayou Tidal	1105_01	Bacteria in water (Recreation Use)	2012	5r
1105A	Flores Bayou	1105A_03	Bacteria in water (Recreation Use)	2010	5b
1105B	Austin Bayou Tidal	1105B_01	Bacteria in water (Recreation Use)	2014	5r
1105C	Austin Bayou Above Tidal	1105C_01	Bacteria in water (Recreation Use)	2014	5b

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
1105E	Brushy Bayou	1105E_01	Bacteria in water (Recreation Use)	2010	5b
			Depressed dissolved oxygen in water	2010	5r
1107	Chocolate Bayou Tidal	1107_01	Bacteria in water (Recreation Use)	2010	5a
			Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
1108	Chocolate Bayou Above Tidal	1108_01	Bacteria in water (Recreation Use)	2014	5a
1109	Oyster Creek Tidal	1109_01	Bacteria in water (Recreation Use)	2012	5a
1110	Oyster Creek Above Tidal	1110_01	Bacteria in water (Recreation Use)	2006	5a
			Depressed dissolved oxygen in water	1996	5c
		1110_03	Depressed dissolved oxygen in water	1996	5c
1113	Armand Bayou Tidal	1113_01	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
		1113_02	Depressed dissolved oxygen in water	1996	5b
			Dioxin in edible tissue	2010	5c
		1113_03	PCBs in edible tissue	2010	5c
			Depressed dissolved oxygen in water	1996	5b
			Dioxin in edible tissue	2010	5c
1113A	Armand Bayou Above Tidal	1113A_01	PCBs in edible tissue	2010	5c
			Depressed dissolved oxygen in water	1998	5c
			Impaired fish community in water	2014	5c
1202I	Bessie's Creek	1202I_01	Impaired macrobenthic community in water	2014	5c
			Bacteria in water (Recreation Use)	2024	5a
1202J	Big Creek	1202J_01	Bacteria in water (Recreation Use)	2002	5a
		1202J_02	Bacteria in water (Recreation Use)	2002	5a
1202K	Mill Creek	1202K_01	Bacteria in water (Recreation Use)	2010	5r
1202S	Bullhead Bayou East	1202S_01	Bacteria in water (Recreation Use)	2006	5c
1202T	Unnamed Tributary of Bullhead Bayou East	1202T_01	Bacteria in water (Recreation Use)	2006	5c
1202U	Alcorn Bayou	1202U_01	Bacteria in water (Recreation Use)	2010	5b
1204A	Camp Creek	1204A_01	Bacteria in water (Recreation Use)	2010	5c

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
1208	Brazos River Above Possum Kingdom Lake	1208_02	Bacteria in water (Recreation Use)	2008	5c
		1208_04	Bacteria in water (Recreation Use)	2008	5c
		1208_05	Bacteria in water (Recreation Use)	2008	5c
1209A	Country Club Lake	1209A_01	Toxicity in sediment	1999	5c
1209B	Fin Feather Lake	1209B_01	Toxicity in sediment	2000	5c
1209E	Wickson Creek	1209E_01	Bacteria in water (Recreation Use)	2006	5b
1209H	Duck Creek	1209H_02	Bacteria in water (Recreation Use)	2006	5r
			Depressed dissolved oxygen in water	2012	5r
1209I	Gibbons Creek	1209I_01	Bacteria in water (Recreation Use)	2002	5b
			Depressed dissolved oxygen in water	2016	5r
		1209I_02	Bacteria in water (Recreation Use)	2002	5b
1209J	Shepherd Creek	1209J_01	Bacteria in water (Recreation Use)	2002	5r
1209K	Steele Creek	1209K_02	Bacteria in water (Recreation Use)	2002	5b
1210A	Navasota River Above Lake Mexia	1210A_01	Bacteria in water (Recreation Use)	2002	5c
1211A	Davidson Creek	1211A_02	Bacteria in water (Recreation Use)	2002	5c
			Depressed dissolved oxygen in water	2010	5c
1212	Somerville Lake	1212_01	pH	2002	5c
		1212_03	pH	2002	5c
		1212_04	pH	2002	5c
1212A	Middle Yegua Creek	1212A_02	Bacteria in water (Recreation Use)	2010	5r
1213A	Big Elm Creek	1213A_01	Bacteria in water (Recreation Use)	2010	5r
1216D	Unnamed tributary of Trimmier Creek	1216D_01	Bacteria in water (Recreation Use)	2022	5c
1217	Lampasas River Above Stillhouse Hollow Lake	1217_05	Bacteria in water (Recreation Use)	2002	5r
1218	Nolan Creek/ South Nolan Creek	1218_01	Bacteria in water (Recreation Use)	1996	5r
		1218_02	Bacteria in water (Recreation Use)	1996	5r
1218C	Little Nolan Creek	1218C_01	Bacteria in water (Recreation Use)	2010	5r
1218D	Long Branch	1218D_01	Bacteria in water (Recreation Use)	2020	5c
1221	Leon River Below Proctor Lake	1221_04	Bacteria in water (Recreation Use)	1996	5r
		1221_06	Bacteria in water (Recreation Use)	1996	5r

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
1221A	Resley Creek	1221A_01	Bacteria in water (Recreation Use)	2004	5b
			Depressed dissolved oxygen in water	2006	5r
		1221A_02	Bacteria in water (Recreation Use)	2004	5b
1221B	South Leon River	1221B_01	Bacteria in water (Recreation Use)	2006	5b
1221C	Pecan Creek	1221C_01	Bacteria in water (Recreation Use)	2006	5b
1221D	Indian Creek	1221D_01	Bacteria in water (Recreation Use)	2006	5b
		1221D_02	Bacteria in water (Recreation Use)	2006	5b
1221G	Coryell Creek	1221G_01	Bacteria in water (Recreation Use)	2020	5r
1222A	Duncan Creek	1222A_01	Bacteria in water (Recreation Use)	1999	5c
1222B	Rush-Copperas Creek	1222B_01	Bacteria in water (Recreation Use)	2006	5c
1222C	Sabana River	1222C_01	Bacteria in water (Recreation Use)	2006	5c
1222E	Sweetwater Creek	1222E_01	Bacteria in water (Recreation Use)	2006	5c
1223	Leon River Below Leon Reservoir	1223_01	Bacteria in water (Recreation Use)	2006	5c
			Depressed dissolved oxygen in water	2008	5c
1226B	Green Creek	1226B_01	Depressed dissolved oxygen in water	2006	5c
1226G	Spring Creek	1226G_01	Bacteria in water (Recreation Use)	2018	5b
1226K	Little Duffau Creek	1226K_01	Bacteria in water (Recreation Use)	2006	5c
1227	Nolan River	1227_01	Bacteria in water (Recreation Use)	2018	5c
			Chloride in water	2006	5b
			Sulfate in water	2002	5b
			Total dissolved solids in water	2006	5b
		1227_02	Bacteria in water (Recreation Use)	2018	5c
			Chloride in water	2006	5b
			Sulfate in water	2002	5b
			Total dissolved solids in water	2006	5b
1228	Lake Pat Cleburne	1228_01	Excessive algal growth in water	2022	5c
1231	Lake Graham	1231_01	Excessive algal growth in water	2022	5c
1232	Clear Fork Brazos River	1232_04	Bacteria in water (Recreation Use)	2018	5c
1232A	California Creek	1232A_01	Bacteria in water (Recreation Use)	2010	5c
			Impaired fish community in water	2016	5c

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
1237	Lake Sweetwater	1237_01	Chloride in water	2022	5c
			Sulfate in water	2022	5c
			Total dissolved solids in water	2022	5c
1238	Salt Fork Brazos River	1238_01	Chloride in water	2002	5c
		1238_02	Chloride in water	2002	5c
		1238_03	Bacteria in water (Recreation Use)	2020	5c
			Chloride in water	2002	5c
1238B	Duck Creek	1238B_01	Bacteria in water (Recreation Use)	2022	5b
1240	White River Lake	1240_01	Chloride in water	2002	5b
			Total dissolved solids in water	2006	5b
1241	Double Mountain Fork Brazos River	1241_01	Bacteria in water (Recreation Use)	2010	5c
1241A	North Fork Double Mountain Fork Brazos River	1241A_02	Bacteria in water (Recreation Use)	2004	5c
1241B	Lake Alan Henry	1241B_01	Mercury in edible tissue	2010	5c
1242B	Cottonwood Branch	1242B_01	Bacteria in water (Recreation Use)	2006	5r
1242C	Still Creek	1242C_02	Bacteria in water (Recreation Use)	2006	5r
1242D	Thompsons Creek	1242D_01	Bacteria in water (Recreation Use)	2002	5b
		1242D_02	Bacteria in water (Recreation Use)	2002	5b
			Depressed dissolved oxygen in water	2006	5b
1242F	Pond Creek	1242F_01	Bacteria in water (Recreation Use)	2010	5c
1242I	Campbells Creek	1242I_01	Bacteria in water (Recreation Use)	2002	5c
1242J	Deer Creek	1242J_01	Bacteria in water (Recreation Use)	2006	5c
1242K	Mud Creek	1242K_01	Bacteria in water (Recreation Use)	2002	5b
1242L	Pin Oak Creek	1242L_01	Bacteria in water (Recreation Use)	2002	5b
1242M	Spring Creek	1242M_01	Bacteria in water (Recreation Use)	2002	5b
1242N	Tehuacana Creek	1242N_01	Bacteria in water (Recreation Use)	2002	5b
1242O	Walnut Creek	1242O_01	Bacteria in water (Recreation Use)	2006	5b
1242P	Big Creek	1242P_01	Bacteria in water (Recreation Use)	2002	5b

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
1244	Brushy Creek	1244_01	Bacteria in water (Recreation Use)	2006	5r
		1244_02	Bacteria in water (Recreation Use)	2006	5r
		1244_03	Bacteria in water (Recreation Use)	2006	5r
1245I	Steep Bank Creek	1245I_01	Bacteria in water (Recreation Use)	2010	5a
1246E	Wasp Creek	1246E_01	Bacteria in water (Recreation Use)	2002	5b
1247A	Willis Creek	1247A_01	Bacteria in water (Recreation Use)	2002	5c
1248	San Gabriel/North Fork San Gabriel River	1248_01	Chloride in water	2010	5c
1248C	Mankins Branch	1248C_01	Bacteria in water (Recreation Use)	2004	5c
1250	South Fork San Gabriel River	1250_01	Total dissolved solids in water	2024	5c
		1250_02	Total dissolved solids in water	2024	5c
		1250_03	Total dissolved solids in water	2024	5c
1255	Upper North Bosque River	1255_01	Bacteria in water (Recreation Use)	1996	5c
		1255_02	Bacteria in water (Recreation Use) Depressed dissolved oxygen in water	1996 2008	5c 5c
1255A	Goose Branch	1255A_01	Bacteria in water (Recreation Use)	2002	5c
1255C	Scarborough Creek	1255C_01	Bacteria in water (Recreation Use)	2002	5c
1255D	South Fork Upper North Bosque River	1255D_01	Bacteria in water (Recreation Use)	2010	5c
1255E	Unnamed Tributary of Goose Branch	1255E_01	Bacteria in water (Recreation Use)	2002	5c
1255G	Woodhollow Branch	1255G_01	Bacteria in water (Recreation Use)	2002	5c
1259	Leon River Above Belton Lake	1259_01	Bacteria in water (Recreation Use)	1996	5r
		1259_03	Bacteria in water (Recreation Use)	1996	5r
1301	San Bernard River Tidal	1301_01	Bacteria in water (Recreation Use)	2006	5r
1302	San Bernard River Above Tidal	1302_01	Bacteria in water (Recreation Use)	2002	5r
		1302_02	Bacteria in water (Recreation Use)	2002	5r
		1302_03	Bacteria in water (Recreation Use)	2002	5r
1302A	Gum Tree Branch	1302A_01	Bacteria in water (Recreation Use)	2006	5r
1302B	West Bernard Creek	1302B_01	Bacteria in water (Recreation Use) Depressed dissolved oxygen in water	2006 2006	5r 5r
		1302B_02	Bacteria in water (Recreation Use)	2006	5r
1302E	Mound Creek	1302E_01	Depressed dissolved oxygen in water	2020	5r
1304	Caney Creek Tidal	1304_02	Bacteria in water (Recreation Use)	2006	5a

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
1305	Caney Creek Above Tidal	1305_03	Depressed dissolved oxygen in water	1999	5c
1305A	Hardeman Slough	1305A_01	Depressed dissolved oxygen in water	2024	5c
1402A	Cummins Creek	1402A_01	Impaired fish community in water	2002	5c
			Impaired macrobenthic community in water	2002	5c
1402C	Buckners Creek	1402C_01	Depressed dissolved oxygen in water	2010	5c
1402H	Skull Creek	1402H_01	Depressed dissolved oxygen in water	2008	5c
1406	Lake Lyndon B. Johnson	1406_01	Excessive algal growth in water	2022	5c
		1406_02	Excessive algal growth in water	2022	5c
		1406_03	Excessive algal growth in water	2022	5c
		1406_04	Excessive algal growth in water	2022	5c
		1406_05	Excessive algal growth in water	2022	5c
		1406_06	Excessive algal growth in water	2022	5c
1407A	Clear Creek	1407A_01	Aluminum in water	2010	5c
			Copper in water	2018	5c
			Nickel in water	2014	5c
			Sulfate in water	2010	5c
			Total dissolved solids in water	2010	5c
			Zinc in water	2014	5c
			pH	2010	5c
1411	E. V. Spence Reservoir	1411_01	Chloride in water	2014	5b
		1411_02	Bacteria in water (Recreation Use)	2022	5c
			Chloride in water	2014	5b
1412	Colorado River Below Lake J. B. Thomas	1412_02	Bacteria in water (Recreation Use)	2008	5c
		1412_03	Bacteria in water (Recreation Use)	2008	5c
1412B	Beals Creek	1412B_03	Bacteria in water (Recreation Use)	2010	5b
1416	San Saba River	1416_01	Bacteria in water (Recreation Use)	2008	5c
1416A	Brady Creek	1416A_03	Depressed dissolved oxygen in water	2004	5r
1419	Lake Coleman	1419_01	Excessive algal growth in water	2022	5c
1421	Concho River	1421_08	Depressed dissolved oxygen in water	2008	5c

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
1426	Colorado River Below E. V. Spence Reservoir	1426_01	Sulfate in water	2024	5b
		1426_02	Sulfate in water	2024	5b
		1426_03	Sulfate in water	2024	5b
		1426_04	Sulfate in water	2024	5b
1427	Onion Creek	1427_03	Sulfate in water	2014	5c
		1427_04	Sulfate in water	2014	5c
1429C	Waller Creek	1429C_01	Bacteria in water (Recreation Use)	2004	5c
			Impaired macrobenthic community in water	2002	5c
1501	Tres Palacios Creek Tidal	1501_01	Depressed dissolved oxygen in water	1999	5b
1602	Lavaca River Above Tidal	1602_02	Bacteria in water (Recreation Use)	2008	5a
1602C	Lavaca River Above Campbell Branch	1602C_01	Depressed dissolved oxygen in water	2004	5r
		1602C_02	Depressed dissolved oxygen in water	2004	5r
1801	Guadalupe River Tidal	1801_01	Bacteria in water (Recreation Use)	2022	5c
1803B	Sandies Creek	1803B_02	Bacteria in water (Recreation Use)	2002	5c
			Bacteria in water (Recreation Use)	2002	5c
			Depressed dissolved oxygen in water	1999	5c
1803C	Peach Creek	1803C_01	Bacteria in water (Recreation Use)	2002	5c
			Depressed dissolved oxygen in water	2006	5c
		1803C_03	Bacteria in water (Recreation Use)	2002	5c
			Depressed dissolved oxygen in water	2006	5c
1804	Guadalupe River Below Comal River	1804_04	Bacteria in water (Recreation Use)	2024	5c
1804A	Geronimo Creek	1804A_01	Bacteria in water (Recreation Use)	2006	5r
1805	Canyon Lake	1805_04	Mercury in edible tissue	2006	5c
			Mercury in edible tissue	2006	5c
			Mercury in edible tissue	2006	5c
			Mercury in edible tissue	2006	5c
1806	Guadalupe River Above Canyon Lake	1806_08	Bacteria in water (Recreation Use)	2002	5c
1811	Comal River	1811_01	Bacteria in water (Recreation Use)	2016	5r
1811A	Dry Comal Creek	1811A_01	Bacteria in water (Recreation Use)	2010	5r

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
1814	Upper San Marcos River	1814_01	Total dissolved solids in water	2010	5r
		1814_02	Total dissolved solids in water	2010	5r
		1814_03	Total dissolved solids in water	2010	5r
		1814_04	Total dissolved solids in water	2010	5r
1815	Cypress Creek	1815_01	Depressed dissolved oxygen in water	2020	5r
			Impaired fish community in water	2020	5c
			Impaired macrobenthic community in water	2020	5c
1817	North Fork Guadalupe River	1817_01	Impaired fish community in water	2020	5c
			Impaired macrobenthic community in water	2020	5c
1818	South Fork Guadalupe River	1818_01	Impaired fish community in water	2020	5c
			Impaired macrobenthic community in water	2020	5c
1901	Lower San Antonio River	1901_02	Impaired fish community in water	2012	5c
1901A	Escondido Creek	1901A_01	Bacteria in water (Recreation Use)	2014	5c
1901B	Cabeza Creek	1901B_01	Bacteria in water (Recreation Use)	2014	5c
1901F	Ecleto Creek	1901F_01	Bacteria in water (Recreation Use)	2020	5c
			Depressed dissolved oxygen in water	2016	5c
1902	Lower Cibolo Creek	1902_01	Bacteria in water (Recreation Use)	2004	5r
		1902_02	Bacteria in water (Recreation Use)	2004	5r
		1902_03	Bacteria in water (Recreation Use)	2004	5r
		1902_04	Bacteria in water (Recreation Use)	2004	5r
		1902_05	Bacteria in water (Recreation Use)	2004	5r
1902A	Martinez Creek	1902A_01	Bacteria in water (Recreation Use)	2016	5r
1902B	Salitrillo Creek	1902B_01	Bacteria in water (Recreation Use)	2010	5r
1902C	Clifton Branch	1902C_01	Bacteria in water (Recreation Use)	2014	5r
			Depressed dissolved oxygen in water	2014	5r
1903	Medina River Below Medina Diversion Lake	1903_01	Bacteria in water (Recreation Use)	2010	5r
		1903_02	Bacteria in water (Recreation Use)	2010	5r
		1903_03	Bacteria in water (Recreation Use)	2010	5r
1905	Medina River Above Medina Lake	1905_01	Bacteria in water (Recreation Use)	2020	5c

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

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1906	Lower Leon Creek	1906_03	PCBs in edible tissue	2004	5c
			PFAS in edible tissue	2024	5c
		1906_04	PCBs in edible tissue	2004	5c
			PFAS in edible tissue	2024	5c
		1906_05	Bacteria in water (Recreation Use)	1996	5c
			PCBs in edible tissue	2004	5c
			PFAS in edible tissue	2024	5c
		1906_06	PCBs in edible tissue	2004	5c
PFAS in edible tissue	2024		5c		
1908	Upper Cibolo Creek	1908_01	Bacteria in water (Recreation Use)	2006	5r
1910	Salado Creek	1910_02	Impaired fish community in water	2004	5c
			Impaired macrobenthic community in water	2006	5c
1911	Upper San Antonio River	1911_08	Impaired fish community in water	2006	5r
			Impaired macrobenthic community in water	2020	5r
		1911_09	Impaired fish community in water	2006	5r
1911H	Picosa Creek	1911H_01	Depressed dissolved oxygen in water	2012	5c
1912	Medio Creek	1912_01	Bacteria in water (Recreation Use)	2018	5r
2004A	Aransas Creek	2004A_01	Bacteria in water (Recreation Use)	2006	5r
2004B	Poesta Creek	2004B_01	Bacteria in water (Recreation Use)	2014	5a
2102	Nueces River Below Lake Corpus Christi	2102_01	Total dissolved solids in water	2012	5r
		2102_02	Total dissolved solids in water	2012	5r
2105	Nueces River Above Holland Dam	2105_02	Depressed dissolved oxygen in water	2012	5c
2106	Nueces/Lower Frio River	2106_01	Total dissolved solids in water	2006	5b
		2106_02	Bacteria in water (Recreation Use)	2014	5c
			Total dissolved solids in water	2006	5b

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
2107	Lower Atascosa River	2107_01	Bacteria in water (Recreation Use)	1996	5c
			Chloride in water	2024	5c
			Sulfate in water	2024	5c
			Total dissolved solids in water	2022	5c
2108	San Miguel Creek	2108_01	Bacteria in water (Recreation Use)	2006	5c
2109	Leona River	2109_01	Bacteria in water (Recreation Use)	2006	5c
		2109_02	Bacteria in water (Recreation Use)	2006	5c
		2109_03	Bacteria in water (Recreation Use)	2006	5c
			Depressed dissolved oxygen in water	2020	5c
2110	Lower Sabinal River	2110_01	Bacteria in water (Recreation Use)	2024	5c
2113	Upper Frio River	2113_01	Impaired fish community in water	2006	5c
2115	Seco Creek	2115_01	Sulfate in water	2024	5c
		2115_02	Sulfate in water	2024	5c
2116	Choke Canyon Reservoir	2116_01	Excessive algal growth in water	2020	5n
		2116_02	Excessive algal growth in water	2020	5n
		2116_03	Excessive algal growth in water	2020	5n
		2116_04	Excessive algal growth in water	2020	5n
		2116_05	Excessive algal growth in water	2020	5n
		2116_06	Depressed dissolved oxygen in water	2006	5c
			Excessive algal growth in water	2020	5n
2116_07	Excessive algal growth in water	2020	5n		
2117	Frio River Above Choke Canyon Reservoir	2117_01	Bacteria in water (Recreation Use)	2008	5b
		2117_02	Bacteria in water (Recreation Use)	2008	5b
2118	Upper Atascosa River	2118_01	Bacteria in water (Recreation Use)	1996	5c
			Depressed dissolved oxygen in water	1996	5c
			Impaired fish community in water	2006	5c
			Impaired macrobenthic community in water	2010	5c
2118C	Atascosa River	2118C_01	Impaired fish community in water	2006	5c
			Impaired macrobenthic community in water	2010	5c

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
2201	Arroyo Colorado Tidal	2201_01	Bacteria in water (Recreation Use)	2006	5r
		2201_02	Bacteria in water (Recreation Use)	2006	5r
		2201_03	Bacteria in water (Recreation Use)	2006	5r
		2201_04	Bacteria in water (Recreation Use)	2006	5r
			Depressed dissolved oxygen in water	1996	5r
		2201_05	Bacteria in water (Recreation Use)	2006	5r
			Depressed dissolved oxygen in water	1996	5r
			Mercury in edible tissue	2008	5c
PCBs in edible tissue	2008		5c		
2201B	Unnamed Drainage Ditch Tributary (B) in Cameron County Drainage District #3	2201B_01	Bacteria in water (Recreation Use)	2010	5r
2202	Arroyo Colorado Above Tidal	2202_01	Bacteria in water (Recreation Use)	1996	5r
			Mercury in edible tissue	2008	5c
			PCBs in edible tissue	2008	5c
		2202_02	Bacteria in water (Recreation Use)	1996	5r
			Mercury in edible tissue	2008	5c
			PCBs in edible tissue	2008	5c
		2202_03	Bacteria in water (Recreation Use)	1996	5r
			Mercury in edible tissue	2008	5c
			PCBs in edible tissue	2008	5c
		2202_04	Bacteria in water (Recreation Use)	1996	5r
			Mercury in edible tissue	2008	5c
			PCBs in edible tissue	2008	5c
2203	Petronila Creek Tidal	2203_01	Bacteria in water (Recreation Use)	2010	5r
2204	Petronila Creek Above Tidal	2204_01	Bacteria in water (Recreation Use)	2016	5r
		2204_02	Bacteria in water (Recreation Use)	2016	5r
2302	Rio Grande Below Falcon Reservoir	2302_03	Bacteria in water (Recreation Use)	1996	5c

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
2302A	Arroyo Los Olmos	2302A_01	Bacteria in water (Recreation Use)	2004	5b
			Depressed dissolved oxygen in water	2022	5c
2304	Rio Grande Below Amistad Reservoir	2304_01	Bacteria in water (Recreation Use)	1996	5c
		2304_02	Bacteria in water (Recreation Use)	1996	5c
		2304_03	Bacteria in water (Recreation Use)	1996	5c
		2304_07	Bacteria in water (Recreation Use)	1996	5c
		2304_09	Bacteria in water (Recreation Use)	1996	5c
2306	Rio Grande Above Amistad Reservoir	2306_01	Sulfate in water	2010	5b
		2306_02	Sulfate in water	2010	5b
		2306_03	Sulfate in water	2010	5b
		2306_04	Sulfate in water	2010	5b
		2306_05	Sulfate in water	2010	5b
		2306_06	Sulfate in water	2010	5b
		2306_07	Sulfate in water	2010	5b
		2306_08	Sulfate in water	2010	5b
2307	Rio Grande Below Riverside Diversion Dam	2307_01	Bacteria in water (Recreation Use)	2002	5c
			Chloride in water	1996	5c
			Sulfate in water	2024	5c
			Total dissolved solids in water	1996	5c
		2307_02	Chloride in water	1996	5c
			Sulfate in water	2024	5c
			Total dissolved solids in water	1996	5c
		2307_03	Bacteria in water (Recreation Use)	2002	5c
			Chloride in water	1996	5c
			Sulfate in water	2024	5c
			Total dissolved solids in water	1996	5c
		2307_04	Bacteria in water (Recreation Use)	2002	5c
			Chloride in water	1996	5c
			Sulfate in water	2024	5c
			Total dissolved solids in water	1996	5c

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
2307	Rio Grande Below Riverside Diversion Dam	2307_05	Bacteria in water (Recreation Use)	2002	5c
			Chloride in water	1996	5c
			Depressed dissolved oxygen in water	2024	5c
			Sulfate in water	2024	5c
			Total dissolved solids in water	1996	5c
2308	Rio Grande Below International Dam	2308_01	Bacteria in water (Recreation Use)	2014	5c
			Depressed dissolved oxygen in water	2024	5c
			Total dissolved solids in water	2024	5c
2310	Lower Pecos River	2310_01	Total dissolved solids in water	2020	5c
		2310_02	Total dissolved solids in water	2020	5c
2311	Upper Pecos River	2311_03	Depressed dissolved oxygen in water	2006	5b
2313	San Felipe Creek	2313_01	Bacteria in water (Recreation Use)	2014	5c
2314	Rio Grande Above International Dam	2314_01	Bacteria in water (Recreation Use)	2002	5c
2411	Sabine Pass	2411_01	PCBs in edible tissue	2012	5c
2412	Sabine Lake	2412_01	PCBs in edible tissue	2012	5c
2421	Upper Galveston Bay	2421_01	Dioxin in edible tissue	1996	5c
			PCBs in edible tissue	2004	5c
		2421_02	Dioxin in edible tissue	1996	5c
			PCBs in edible tissue	2004	5c
		2421_03	Dioxin in edible tissue	1996	5c
			PCBs in edible tissue	2004	5c
2421A	Clear Lake Channel	2421A_01	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
2421B	Little Cedar Bayou	2421B_01	Bacteria in water (Recreation Use)	2018	5c
2421HC	Sylvan Beach Park (Recreational Beaches)	2421HC_01	Bacteria in water (Recreational Beaches)	2022	5a
2422	Trinity Bay	2422_01	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
		2422_02	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
2422B	Double Bayou West Fork	2422B_01	Bacteria in water (Recreation Use)	2006	5r
			Depressed dissolved oxygen in water	2004	5b
			Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
2422D	Double Bayou East Fork Tidal	2422D_01	Bacteria in water (Recreation Use)	2014	5r
			Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
2423	East Bay	2423_01	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
		2423_02	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
2423A	Oyster Bayou	2423A_01	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
2424	West Bay	2424_01	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
		2424_02	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
2424A	Highland Bayou	2424A_01	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
		2424A_02	Bacteria in water (Recreation Use)	2002	5r
			Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
		2424A_03	Bacteria in water (Recreation Use)	2002	5r
			Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
		2424A_04	Bacteria in water (Recreation Use)	2002	5r
			Depressed dissolved oxygen in water	2002	5r
			Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
2424A	Highland Bayou	2424A_05	Bacteria in water (Recreation Use)	2002	5r
			Depressed dissolved oxygen in water	2002	5r
			Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
2424B	Lake Madeline	2424B_01	Depressed dissolved oxygen in water	2014	5c
			Dioxin in edible tissue	2022	5c
			PCBs in edible tissue	2022	5c
2424C	Marchand Bayou	2424C_01	Bacteria in water (Recreation Use)	2002	5r
			Depressed dissolved oxygen in water	2002	5r
2424D	Offatts Bayou	2424D_01	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
		2424D_02	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
		2424D_03	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
2424E	English Bayou	2424E_01	Dioxin in edible tissue	2022	5c
			PCBs in edible tissue	2022	5c
2424F	Crash Basin	2424F_01	Dioxin in edible tissue	2022	5c
			PCBs in edible tissue	2022	5c
2424G	Highland Bayou Diversion Canal	2424G_01	Dioxin in edible tissue	2022	5c
			PCBs in edible tissue	2022	5c
2425	Clear Lake	2425_01	Copper in water	2016	5c
			Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
2425A	Taylor Lake	2425A_01	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
		2425A_02	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
		2425A_03	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
2425B	Jarbo Bayou	2425B_01	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
		2425B_02	Bacteria in water (Recreation Use)	2002	5c
			Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
2426	Tabbs Bay	2426_01	Dioxin in edible tissue	1996	5c
			PCBs in edible tissue	2004	5c
2426C	Goose Creek Tidal	2426C_01	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
2427	San Jacinto Bay	2427_01	Dioxin in edible tissue	1996	5c
			PCBs in edible tissue	2004	5c
2428	Black Duck Bay	2428_01	Dioxin in edible tissue	1998	5c
			PCBs in edible tissue	2004	5c
2429	Scott Bay	2429_01	Dioxin in edible tissue	1998	5c
			PCBs in edible tissue	2004	5c
2430	Burnet Bay	2430_01	Dioxin in edible tissue	1998	5c
			PCBs in edible tissue	2004	5c
2430A	Crystal Bay	2430A_01	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
2431	Moses Lake	2431_01	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
2431A	Moses Bayou Tidal	2431A_01	Bacteria in water (Recreation Use)	2014	5r
			Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
2431C	Unnamed Tributary to the Southern Arm of Moses Lake (West)	2431C_01	Bacteria in water (Recreation Use)	2014	5r
2431E	Moses Bayou Above Tidal	2431E_01	Bacteria in water (Recreation Use)	2022	5c
2432	Chocolate Bay	2432_01	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
2432A	Mustang Bayou	2432A_01	Bacteria in water (Recreation Use)	2018	5a
		2432A_02	Bacteria in water (Recreation Use)	2018	5a
		2432A_03	Bacteria in water (Recreation Use)	2018	5a
2432B	Willow Bayou	2432B_01	Bacteria in water (Recreation Use)	2018	5a
2432C	Halls Bayou Tidal	2432C_01	Bacteria in water (Recreation Use)	2012	5a
			Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
2432D	Persimmon Bayou	2432D_01	Bacteria in water (Recreation Use)	2020	5a
2432E	New Bayou	2432E_01	Bacteria in water (Recreation Use)	2020	5a
2436	Barbours Cut	2436_01	Dioxin in edible tissue	1998	5c
			PCBs in edible tissue	2004	5c
2437	Texas City Ship Channel	2437_01	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
2438	Bayport Channel	2438_01	Copper in water	2018	5c
			Dioxin in edible tissue	2000	5c
			PCBs in edible tissue	2004	5c
2439	Lower Galveston Bay	2439_01	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
		2439_02	Dioxin in edible tissue	2010	5c
			PCBs in edible tissue	2010	5c
2441OW	East Matagorda Bay (Oyster Waters)	2441OW_01	Bacteria in oyster waters	1998	5a
2451OW	Matagorda Bay/Powderhorn Lake (Oyster Waters)	2451OW_03	Bacteria in oyster waters	1996	5a
2452OW	Tres Palacios Bay/Turtle Bay (Oyster Waters)	2452OW_01	Bacteria in oyster waters	1998	5a
		2452OW_02	Bacteria in oyster waters	1998	5a
2452TP	Tres Palacios Bay (Recreational Beaches)	2452TP_01	Bacteria in water (Recreational Beaches)	2014	5a
2453A	Garcitas Creek Tidal	2453A_01	Depressed dissolved oxygen in water	1999	5c
2453D	Lavaca Bay Ship Channel Area	2453D_01	Copper in water	2016	5c
			Depressed dissolved oxygen in water	2006	5c

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
2453OW	Lavaca Bay/Chocolate Bay (Oyster Waters)	2453OW_02	Bacteria in oyster waters	1996	5a
		2453OW_03	Bacteria in oyster waters	1996	5a
2454	Cox Bay	2454_02	Copper in water	2016	5c
2454OW	Cox Bay (Oyster Waters)	2454OW_01	Bacteria in oyster waters	2006	5a
		2454OW_02	Bacteria in oyster waters	2006	5a
2455OW	Keller Bay (Oyster Waters)	2455OW_01	Bacteria in oyster waters	2006	5a
2456A	West Carancahua Creek Tidal	2456A_01	Depressed dissolved oxygen in water	2006	5r
2456OW	Carancahua Bay (Oyster Waters)	2456OW_01	Bacteria in oyster waters	1996	5a
		2456OW_02	Bacteria in oyster waters	1996	5a
2462OW	San Antonio Bay/Hynes Bay/Guadalupe Bay/Mission Lake (Oyster Waters)	2462OW_01	Bacteria in oyster waters	1996	5a
2463OW	Mesquite Bay/Carlos Bay/Ayres Bay (Oyster Waters)	2463OW_01	Bacteria in oyster waters	2024	5a
2471OW	Aransas Bay (Oyster Waters)	2471OW_01	Bacteria in oyster waters	2024	5a
2472	Copano Bay/Port Bay/Mission Bay	2472_03	Bacteria in water (Recreation Use)	2024	5c
2472OW	Copano Bay/Port Bay/Mission Bay (Oyster Waters)	2472OW_01	Bacteria in oyster waters	1998	5c
2473OW	St. Charles Bay (Oyster Waters)	2473OW_02	Bacteria in oyster waters	2024	5c
2481CB	Corpus Christi Bay (Recreational Beaches)	2481CB_06	Bacteria in water (Recreational Beaches)	2010	5a
2481OW	Corpus Christi Bay (Oyster Waters)	2481OW_01	Bacteria in oyster waters	2024	5c
2482	Nueces Bay	2482_01	Copper in water	2016	5c
2483	Redfish Bay	2483_01	Bacteria in water (Recreation Use)	2024	5c
2483A	Conn Brown Harbor	2483A_01	Bacteria in water (Recreation Use)	2022	5c
2483OW	Redfish Bay (Oyster Waters)	2483OW_01	Bacteria in oyster waters	2006	5c
2484	Corpus Christi Inner Harbor	2484_01	Copper in water	2016	5c
2485	Oso Bay	2485_02	Depressed dissolved oxygen in water	1996	5c
2485OW	Oso Bay (Oyster Waters)	2485OW_01	Bacteria in oyster waters	2006	5a

Draft 2024 Texas Integrated Report - Texas 303(d) List (Category 5)

Segment ID	Segment Name	AU ID	Impairment Description	Year First Listed	Impairment Category
2491	Laguna Madre	2491_01	Depressed dissolved oxygen in water	1999	5b
		2491_02	Bacteria in water (Recreation Use)	2010	5r
				Depressed dissolved oxygen in water	1999
2491B	North Floodway	2491B_01	Bacteria in water (Recreation Use)	2024	5r
2491C	Drainage ditches flowing into Lower Laguna Madre	2491C_01	Bacteria in water (Recreation Use)	2024	5r
2491OW	Laguna Madre (Oyster Waters)	2491OW_02	Bacteria in oyster waters	2006	5c
2492A	San Fernando Creek	2492A_01	Bacteria in water (Recreation Use)	2006	5r
2492B	Los Olmos Creek Tidal	2492B_01	Bacteria in water (Recreation Use)	2024	5c
2494A	Port Isabel Fishing Harbor	2494A_01	Bacteria in water (Recreation Use)	2010	5r
2494C	San Martin Lakes	2494C_01	Bacteria in water (Recreation Use)	2024	5r
2501	Gulf of Mexico	2501_01	Mercury in edible tissue	1998	5c
		2501_02	Mercury in edible tissue	1998	5c
		2501_03	Mercury in edible tissue	1998	5c
		2501_04	Mercury in edible tissue	1998	5c
		2501_05	Mercury in edible tissue	1998	5c
		2501_06	Mercury in edible tissue	1998	5c
		2501_07	Mercury in edible tissue	1998	5c
		2501_08	Mercury in edible tissue	1998	5c
		2501_09	Mercury in edible tissue	1998	5c
		2501_10	Mercury in edible tissue	1998	5c
2501MC	Matagorda County Beaches (Recreational Beaches)	2501MC_02	Bacteria in water (Recreational Beaches)	2022	5a

Draft 2024 Texas Integrated Report - Water Bodies and Impairments Added to the Texas 303(d) List

Explanation of Column Headings

SegID and Name: 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 (TSWQS). 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.

Parameter(s): Pollutants or water quality conditions that assessment procedures indicate do not meet assigned water quality standards.

Category: One of four subcategories assigned to each impaired parameter to provide information about water quality status and management activities on that water body. The categories are defined below:

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 - Water Bodies and Impairments Added to the Texas 303(d) List

Segment ID	Segment Name	Impairment Description	Impairment Category
0202A	Bois D' Arc Creek	Depressed dissolved oxygen in water	5r
0202H	Big Pine Creek	Bacteria in water (Recreation Use)	5c
0217	Lake Kemp	Excessive algal growth in water	5c
0303D	Rock Creek	Bacteria in water (Recreation Use)	5c
0303N	Horse Creek	Depressed dissolved oxygen in water	5c
0512	Lake Fork Reservoir	pH	5c
0607	Pine Island Bayou	Bacteria in water (Recreation Use)	5c
0607B	Little Pine Island Bayou	Bacteria in water (Recreation Use)	5c
0608A	Beech Creek	Bacteria in water (Recreation Use)	5c
0608F	Turkey Creek	Bacteria in water (Recreation Use)	5c
0615	Angelina River/Sam Rayburn Reservoir	Bacteria in water (Recreation Use)	5c
		pH	5c
0801E	Cotton Bayou Above Tidal	Bacteria in water (Recreation Use)	5a
0804F	Tehuacana Creek	Bacteria in water (Recreation Use)	5c
0818F	Clear Creek	Bacteria in water (Recreation Use)	5c
0818H	South Twin Creek	Bacteria in water (Recreation Use)	5c
0818I	Caney Creek	Bacteria in water (Recreation Use)	5c
0822	Elm Fork Trinity River Below Lewisville Lake	Cadmium in water	5c
0836D	Post Oak Creek	Bacteria in water (Recreation Use)	5c
1002	Lake Houston	pH	5c
1006L	Kennedy Gully	Bacteria in water (Recreation Use)	5c
		Depressed dissolved oxygen in water	5c
1007W	Harris County Flood Control Ditch D 138	Depressed dissolved oxygen in water	5c
1008A	Mill Creek	Bacteria in water (Recreation Use)	5r
1202I	Bessie's Creek	Bacteria in water (Recreation Use)	5a
1221B	South Leon River	Bacteria in water (Recreation Use)	5b
1227	Nolan River	Chloride in water	5b
1248	San Gabriel/North Fork San Gabriel River	Chloride in water	5c
1250	South Fork San Gabriel River	Total dissolved solids in water	5c
1305A	Hardeman Slough	Depressed dissolved oxygen in water	5c

Draft 2024 Texas Integrated Report - Water Bodies and Impairments Added to the Texas 303(d) List

Segment ID	Segment Name	Impairment Description	Impairment Category
1402A	Cummins Creek	Impaired fish community in water	5c
		Impaired macrobenthic community in water	5c
1426	Colorado River Below E. V. Spence Reservoir	Sulfate in water	5b
1427	Onion Creek	Sulfate in water	5c
1804	Guadalupe River Below Comal River	Bacteria in water (Recreation Use)	5c
1814	Upper San Marcos River	Total dissolved solids in water	5r
1815	Cypress Creek	Depressed dissolved oxygen in water	5r
1906	Lower Leon Creek	PFAS in edible tissue	5c
2102	Nueces River Below Lake Corpus Christi	Total dissolved solids in water	5r
2107	Lower Atascosa River	Chloride in water	5c
		Sulfate in water	5c
2110	Lower Sabinal River	Bacteria in water (Recreation Use)	5c
2115	Seco Creek	Sulfate in water	5c
2116	Choke Canyon Reservoir	Depressed dissolved oxygen in water	5c
2307	Rio Grande Below Riverside Diversion Dam	Depressed dissolved oxygen in water	5c
		Sulfate in water	5c
2308	Rio Grande Below International Dam	Depressed dissolved oxygen in water	5c
		Total dissolved solids in water	5c
2451OW	Matagorda Bay/Powderhorn Lake (Oyster Waters)	Bacteria in oyster waters	5a
2454OW	Cox Bay (Oyster Waters)	Bacteria in oyster waters	5a
2463OW	Mesquite Bay/Carlos Bay/Ayres Bay (Oyster Waters)	Bacteria in oyster waters	5a
2471OW	Aransas Bay (Oyster Waters)	Bacteria in oyster waters	5a
2472	Copano Bay/Port Bay/Mission Bay	Bacteria in water (Recreation Use)	5c
2473OW	St. Charles Bay (Oyster Waters)	Bacteria in oyster waters	5c
2481OW	Corpus Christi Bay (Oyster Waters)	Bacteria in oyster waters	5c
2483	Redfish Bay	Bacteria in water (Recreation Use)	5c
2483OW	Redfish Bay (Oyster Waters)	Bacteria in oyster waters	5c
2491B	North Floodway	Bacteria in water (Recreation Use)	5r
2491C	Drainage ditches flowing into Lower Laguna Madre	Bacteria in water (Recreation Use)	5r
2492B	Los Olmos Creek Tidal	Bacteria in water (Recreation Use)	5c
2494C	San Martin Lakes	Bacteria in water (Recreation Use)	5r

Draft 2024 Texas Integrated Report - Water Bodies and Parameters Removed from the 303(d) List

Explanation of Column Headings

SegID and Name: 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 (TSWQS). 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.

Area: 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 waterbody for which one or more water quality standards are now being met.

Parameter(s): Pollutants or water quality conditions that assessment procedures had previously indicated did not meet assigned water quality standards (WQS).

Reason Code: A code which describes the general reason water bodies or parameters were removed from the 2022 303(d) List. Not all reason codes are utilized.

DELISTING_4A: TMDL Approved or established by EPA (moved to Category 4a).

DELISTING_4B: Other pollution control requirements (moved to Category 4b).

DELISTING_4C: Not caused by a pollutant (moved to Category 4c).

WQS_LISTING_INCORRECT: Applicable WQS attained; original basis for listing was incorrect.

WQS_NEW_ASMT_METHOD: Applicable WQS attained according to new assessment method.

WQS_NEW_DATA: Applicable WQS attained based on new data.

WQS_STANDARDS_CHANGED: Applicable WQS attained due to change in WQS.

Type Delist: This signifies the impairment status of the assessment unit by the descriptions, as follows.

Area: Indicates this parameter is removed from this AU_ID only and is still on the 303(d) List (Category 5) in another AU_ID in the same segment.

Parameter: Indicates this parameter is removed from this AU_ID and no other AU_IDs are still on the 303(d) List (Category 5) for this parameter in this segment.

Complete: Indicates there are no other impairments on the 303(d) List (Category 5) of any parameter or AU_ID in this segment.

Parameter Category

Previous: One of three subcategories assigned to each impaired parameter to provide information about water quality status and management activities on that water body. The categories are defined below:

Draft 2024 Texas Integrated Report - Water Bodies and Parameters Removed from the 303(d) List

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.

Current: *If this is blank, the parameter is no longer included on the 303(d) list in the reported area(s) for the reason listed. Otherwise, some impairments were changed to Category 4 and are no longer on the 303(d) list, but still considered impaired.*

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.

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 indicator check box: 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.*

Draft 2024 Texas Integrated Report - Water Bodies and Parameters Removed from the 303(d) List

Segment ID	Segment Name	Parameters	AU ID	Reason Code	Type Delist	Previous Impairment Category	Current Impairment Category	Additional Information
0101B	Rock Creek	Bacteria in water	0101B_01	WQS_NEW_DATA	Complete	5c		
0102	Lake Meredith	Sulfate in water	0102_01	WQS_NEW_DATA	Parameter	5c		
			0102_02	WQS_NEW_DATA	Parameter	5c		
0103A	East Amarillo Creek	Bacteria in water	0103A_01	WQS_NEW_DATA	Complete	5b		
0104	Wolf Creek	Temperature in water	0104_01	WQS_NEW_DATA	Complete	5c		
0206C	North Groesbeck Creek	Bacteria in water	0206C_01	WQS_NEW_DATA	Complete	5c		
0219	Lake Wichita	Chloride in water	0219_01	WQS_NEW_DATA	Complete	5c		
		Sulfate in water	0219_01	WQS_NEW_DATA	Complete	5c		
		Total dissolved solids in water	0219_01	WQS_NEW_DATA	Complete	5c		
0302	Wright Patman Lake	pH	0302_15	WQS_NEW_DATA	Area	5b		Previous part of 0302_12.
0303B	White Oak Creek	Depressed dissolved oxygen in water	0303B_03	WQS_STANDARDS_CHANGED	Parameter	5c		
0306	Upper South Sulphur River	pH	0306_03	WQS_NEW_DATA	Parameter	5c		
0405	Lake Cypress Springs	pH	0405_02	WQS_NEW_DATA	Area	5c		
0409	Little Cypress Bayou (Creek)	Depressed dissolved oxygen in water	0409_01	DELISTING_ORIG_INCORRECT	Area	5c		
0409B	South Lilly Creek	Bacteria in water	0409B_01	WQS_STANDARDS_CHANGED	Parameter	5b		
0410	Black Cypress Bayou (Creek)	Depressed dissolved oxygen in water	0410_02	DELISTING_ORIG_INCORRECT	Area	5c		
0502A	Nichols Creek	Bacteria in water	0502A_01	WQS_STANDARDS_CHANGED	Parameter	5c		
0601	Neches River Tidal	Bacteria in water	0601_01	WQS_NEW_DATA	Parameter	5a		
			0601_02	WQS_NEW_DATA	Parameter	5a		
			0601_03	DELISTING_4A	Parameter	5a	4a	
			0601_04	DELISTING_4A	Parameter	5a	4a	
0603A	Sandy Creek	Bacteria in water	0603A_01	DELISTING_4A	Complete	5a	4a	
0603B	Wolf Creek	Bacteria in water	0603B_01	DELISTING_4A	Complete	5a	4a	
0604A	Cedar Creek	Bacteria in water	0604A_02	DELISTING_4A	Parameter	5a	4a	
0604B	Hurricane Creek	Bacteria in water	0604B_01	DELISTING_4A	Parameter	5a	4a	
0604C	Jack Creek	Bacteria in water	0604C_01	DELISTING_4A	Complete	5a	4a	
0604D	Piney Creek	Bacteria in water	0604D_02	WQS_NEW_DATA	Parameter	5b		
0604M	Biloxi Creek	Bacteria in water	0604M_03	DELISTING_4A	Parameter	5a	4a	

Draft 2024 Texas Integrated Report - Water Bodies and Parameters Removed from the 303(d) List

Segment ID	Segment Name	Parameters	AU ID	Reason Code	Type Delist	Previous Impairment Category	Current Impairment Category	Additional Information
0702	Intracoastal Waterway Tidal	Bacteria in water	0702_01	WQS_NEW_DATA	Parameter	5c		
			0702_02	WQS_NEW_DATA	Parameter	5c		
0703	Sabine-Neches Canal Tidal	Bacteria in water	0703_01	WQS_NEW_DATA	Complete	5c		
0815	Bardwell Reservoir	Sulfate in water	0815_01	WQS_NEW_DATA	Complete	5c		
0818	Cedar Creek Reservoir	pH	0818_04	WQS_NEW_DATA	Area	5b		
			0818_11	WQS_NEW_DATA	Area	5b		
1006	Houston Ship Channel Tidal	Bacteria in water	1006_05	WQS_NEW_DATA	Parameter	5c		
1010	Caney Creek	Bacteria in water	1010_03	DELISTING_4A	Complete	5a	4a	
1103F	Unnamed Tributary of Dickinson Bayou Tidal	Bacteria in water	1103F_01	DELISTING_4A	Parameter	5a	4a	
1103G	Unnamed Tributary of Gum Bayou	Bacteria in water	1103G_01	DELISTING_4A	Complete	5a	4a	
1209H	Duck Creek	Depressed dissolved oxygen in water	1209H_01	WQS_NEW_DATA	Area	5c		
1252	Lake Limestone	pH	1252_03	WQS_NEW_DATA	Complete	5c		
1403A	Bull Creek	Depressed dissolved oxygen in water	1403A_04	WQS_NEW_DATA	Complete	5c		
1405	Marble Falls Lake	Excessive algal growth in water	1405_01	WQS_NEW_DATA	Complete	5c		
			1405_02	WQS_NEW_DATA	Complete	5c		
1429	Lady Bird Lake (formerly Town Lake)	Excessive algal growth in water	1429_01	WQS_NEW_DATA	Complete	5c		
			1429_02	WQS_NEW_DATA	Complete	5c		
1803A	Elm Creek	Depressed dissolved oxygen in water	1803A_01	WQS_NEW_DATA	Complete	5b		
1803B	Sandies Creek	Depressed dissolved oxygen in water	1803B_01	WQS_NEW_DATA	Area	5b		
1806A	Camp Meeting Creek	Bacteria in water	1806A_01	DELISTING_4A	Complete	5a	4a	
2305	International Amistad Reservoir	Chloride in water	2305_01	WQS_NEW_DATA	Complete	5c		
			2305_02	WQS_NEW_DATA	Complete	5c		
			2305_03	WQS_NEW_DATA	Complete	5c		
			2305_04	WQS_NEW_DATA	Complete	5c		
2310	Lower Pecos River	Sulfate in water	2310_01	WQS_NEW_DATA	Parameter	5c		
			2310_02	WQS_NEW_DATA	Parameter	5c		
2501	Gulf of Mexico	Bacteria in water	2501_01	WQS_NEW_DATA	Parameter	5c		
			2501_02	WQS_NEW_DATA	Parameter	5c		

Draft 2024 Texas Integrated Report - Response to Public Comment
Texas Commission on Environmental Quality (TCEQ)

These comments address the TCEQ's Draft 2024 Texas Integrated Report for Clean Water Act Sections 303(d) and 305(b) List and were submitted during the comment period beginning February 9, 2024, and ending March 12, 2024.

Commenter	Submitter Entity	Date_Received	Assessor	Segment_ID	Water_Body	Summary_of_Request_or_Comment	Summary_of_Action_or_Explanation
Athena Frasca	Texas A&M University - Corpus Christi - Harte Research Center	3/11/2024	Robin Cypher	2492A	San Fernando Creek	The San Fernando Creek (SegID 2492A) Contact Recreation Use impairment has been assigned to Category 5b in the 2024 Draft Integrated Report. This water body is included in the San Fernando & Petronila Creeks Watershed Protection Plan and should be designated as Category 5r.	TCEQ agrees with this comment. The impairment has been changed from subcategory 5b to 5r in the Draft 2024 Integrated Report.
David R. Bailey	City of Waxahachie	3/12/2024	Laura Ryckman	0815	Lake Bardwell	The City of Waxahachie supports the removal of the impairment for sulfate on Lake Bardwell (SegID 0815) from the draft 2024 303(d) list.	TCEQ acknowledges this comment.
Steve Box and Michael MacLeod, Ph.D.	Environmental Stewardship	3/12/2024	Robin Cypher	1428, 1434	Colorado River Below Lady Bird Lake (formerly Town Lake), Colorado River above La Grange	Data indicate that the Colorado River Below Lady Bird Lake (formerly Town Lake) (SegID 1428) and the Colorado River above La Grange (SegID 1434) do not support General Use criteria for nitrate or total phosphorus. These water bodies should be assigned to Category 5 and included on the 303(d) List.	Water bodies are protected from excessive nutrient levels to support the General Uses through the application of screening levels. The Draft 2024 Guidance for Assessing and Reporting Surface Water Quality in Texas (Guidance) states that a concern for water quality may be identified if the screening level is exceeded greater than 20 percent of the time using the binomial method, based on the number of exceedances for a given sample size (see Appendices A and B of the Guidance). The screening levels for nutrients and chlorophyll-a in Table 3.11 were statistically derived from surface water quality monitoring data based on the 85th percentile values of statewide data for each parameter in freshwater streams. For the Draft 2024 Integrated Report, assessments performed in accordance with these procedures indicate General Use concerns for nitrate and total phosphorous in AUs 1428_01 and 1428_02, and in 1434_01, 1434_02, and 1434_03. No changes were made in response to this comment.

Texas Commission on Environmental Quality



ORDER ADOPTING THE DRAFT 2024 TEXAS INTEGRATED REPORT FOR THE FEDERAL CLEAN WATER ACT § 303(d) AND § 305(b)

Docket No. 2024-0489-MIS
Non-Rule Project No. 2024-008-OTH-NR

On June 26, 2024, the Texas Commission on Environmental Quality (Commission) adopted the Draft 2024 Texas Integrated Report for the federal Clean Water Act §303(d) and §305(b). Notice of the draft report was published for comment in the February 9, 2024, issue of the *Texas Register* (49 TexReg 743).

IT IS THEREFORE ORDERED BY THE COMMISSION that the Draft 2024 Texas Integrated Report for the federal Clean Water Act §303(d) and §305(b) is hereby adopted. The Commission further authorizes staff to make any non-substantive revisions to the report necessary to comply with *Texas Register* requirements. The adopted 2024 Texas Integrated Report for the federal Clean Water Act §303(d) and §305(b), is incorporated by reference in this Order as if set forth at length verbatim in this Order.

This Order constitutes the Order of the Commission required by the Administrative Procedure Act, Tex. Gov't Code, §2001.033.

If any portion of this Order is for any reason held to be invalid by a court of competent jurisdiction, the invalidity of any portion shall not affect the validity of the remaining portions.

TEXAS COMMISSION ON
ENVIRONMENTAL QUALITY

Jon Niermann, Chairman

Date Signed