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March 2025

<u>Appendix A - Site-specific Uses and Criteria for Classified Segments</u>

New segment – Bois d'Arc Lake. Bois d'Arc Lake (Red River Basin) is a new major reservoir in Texas owned and operated by the North Texas Municipal Water District (NTMWD). Its primary purpose is to supply drinking water to the growing population. The new segment will include recreational, aquatic life, and domestic water supply uses along with dissolved oxygen (DO) and bacteria criteria.

Waterbody	Recreation	Aquatic	Domestic Water	Dissolved Oxygen	Indicator
	Use	Life Use	Supply Use	criteria	Bacterial
Bois d'Arc Lake	PCR1	High	Public water supply	24-hr avg: 5.0 mg/L 24-hr min: 3.0 mg/L	126/100 mL

Recommended revisions for Upper Leon Creek (San Antonio River Basin): Based on the Leon Creek Use-Attainability Analysis (UAA), segment 1907 will be described as an intermittent stream with perennial pools, designated for Intermediate aquatic life use (ALU) with a DO criteria of 4 mg/L (24-hr average) and 3 mg/L (24-hr minimum).

Current description of Upper Leon Creek				
Waterbody	Flow regime	Aquatic Life Use	Dissolved oxygen criteria	
Upper Leon Creek (1907)	Perennial	High	24-hr avg: 5.0 mg/L 24-hr min: 3.0 mg/L	

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Recommended revisions for Upper Leon Creek				
Waterbody	Flow regime	Aquatic Life Use	Dissolved oxygen criteria	
Upper Leon Creek (1907)	Intermittent with perennial pools	Intermediate	24-hr avg: 4.0 mg/L 24-hr min: 3.0 mg/L	

Appendix C - Segment Descriptions

New entry - Bois d'Arc Lake

Segment	Waterbody	Description
TBD	Bois d'Arc Lake	from Bois d'Arc Lake Dam in Fannin County up to the normal pool elevation of 534 feet.

Based on the Leon Creek UAA, and to ensure the segment descriptions and boundaries of Leon Creek accurately represent the different flow regimes and ALU, the following revisions are recommended:

Current segment descriptions			
Waterbody	Description		
Lower Leon Creek (1906)	From the confluence with the Medina River in Bexar County to a point 100 meters (110 yards) upstream of SH 16 northwest of San Antonio in Bexar County:		
Upper Leon Creek (1907)	From a point 100 meters (110 yards) upstream of SH 16 northwest of San Antonio in Bexar County to a point 9.0 km (5.6 mi) upstream of Scenic Loop Road north of Helotes in Bexar County.		

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Water body	Description
Lower Leon Creek (1906)	From the confluence with the Medina River in Bexar County to US 90 on the west side of San Antonio in Bexar County.
Upper Leon Creek (1907)	From a point 100 meters (110 yards) upstream of US 90 on the west side of San Antonio to a point 9.0 km (5.6 mi) upstream of Scenic Loop Road north of Helotes in Bexar County.

<u>Appendix D - Site-specific Uses and Criteria for Unclassified Water Bodies</u>

The new reservoir, Bois d'Arc Lake, has impounded a section of Bois d'Arc Creek (0202A), including two assessment units listed in Appendix D of the TSWQS. The recommended revisions for Bois d'Arc Creek are as follows:

Assessment unit	Waterbody	AU description	Recommended changes
0202A_01	Bois d'Arc Creek	Intermittent stream with perennial pools from the confluence with Sandy Creek near Davy Crockett Lake upstream to the confluence with Sandy Creek north of the city of Dodd City.	Remove entry from Appendix D
0202A_02	Bois d'Arc Creek	Intermittent stream with perennial pools from the confluence with Sandy Creek north of the City of Dodd City upstream to the confluence with Pace Creek.	Revise UA description: Intermittent stream with perennial pools from the confluence with Bois d'Arc Lake near FM 897 upstream to the confluence with Pace Creek

In addition, two entries for Cypress Creek (Sabine River Basin) are recommended for inclusion in Appendix D. These entries differ in flow regime, ALU and DO criteria. These recommendations are based on the Cypress Creek UAA.

Water Body	Aquatic Life Use	Dissolved oxygen criteria	Description
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Cypress Creek (0502E)	High	24-hr avg: 2.5 mg/L 24-hr min: 1.5 mg/L	Perennial stream from its confluence with the Sabine River to the confluence with Long Branch, 6.5 km (4 mi) downstream of US 96 S, north of Buna.
Cypress Creek (0502E)	Limited	24-hr avg: 1.5 mg/L 24-hr min: 1.0 mg/L	Intermittent with perennial pools from the confluence with Long Branch upstream to the headwaters, 500 m (0.3 mi) south of FM 82, east of Kirbyville.