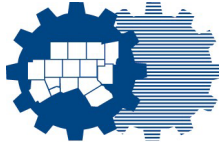


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Figure 7. Status of North Central Texas Watershed Protection Plans and Characterization Project

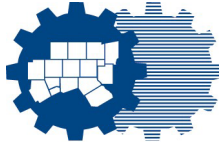
Sources: City of Arlington; TRWD; Brazos River Authority; NTMWD; TCEQ; City of Denton; TRA; and Texas A&M AgriLife, May 2023.

Watershed Protection Plan (WPP) or Characterization Study	Pollutant of Concern or Impairment <sup>a</sup>	Location	Partners	Status (as of May 2023)
Cedar Creek Reservoir WPP	Impaired for pH Of concern for chlorophyll-a	Southwest of Dallas, 3 miles northwest of Trinidad on Cedar Creek in the Trinity River Basin in Rockwall, Kaufman, and Henderson Counties.	Tarrant Regional Water District (TRWD)  Texas A&M AgriLife  Texas A&M Spatial Sciences Laboratory (SSL)  Natural Resources Conservation Service (NRCS)  Texas Water Resources Institute (TWRI)  Texas State Soil and Water Conservation Board (TSSWCB)	Conducting implementation with local funding sources. The Cedar Creek Reservoir WPP webpage can be found <a href="#">here</a> .
Eagle Mountain Reservoir WPP	Of concern for chlorophyll-a and ammonia	On the West Fork of the Trinity River, just north of Lake Worth in northwestern Tarrant, northeastern Parker, and southwestern Wise Counties.	Tarrant Regional Water District (TRWD)  Texas A & M AgriLife  Texas A&M Spatial Sciences Laboratory (SSL)  Natural Resources Conservation Service (NRCS)  Texas Water Resources Institute (TWRI)  Eagle Mountain Lake Conservation Initiative (EMLCI) Partners  Texas State Soil and Water Conservation Board (TSSWCB)	A first draft of an updated Watershed Protection Plan that aligns with the U.S. EPA 9-point watershed-based plan is under development. Stakeholder reengagement is upcoming. The Eagle Mountain Reservoir WPP webpage can be found <a href="#">here</a> .
Lake Granbury WPP	Of concern for bacteria	2-mile buffer around Lake Granbury	Brazos River Authority (BRA)  Texas Water Resources Institute (TWRI)  Texas A&M AgriLife	Implementation ceased due to lack of stakeholder support and funding.



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Watershed Protection Plan (WPP) or Characterization Study	Pollutant of Concern or Impairment <sup>a</sup>	Location	Partners	Status (as of May 2023)
Hickory Creek WPP	Of concern for nutrients and solids	Extends from just outside Denton County (into Wise County) draining to Lake Lewisville in Denton County	City of Denton Texas Commission on Environmental Quality (TCEQ)	Continuing monitoring, research, and policy development to mitigate impairment status and maintain current environmental conditions in absence of 303 list generated criteria.
Joe Pool Lake WPP	None according to TCEQ 2020 Integrated Report.  In past, impaired for bacteria and of concern for nitrate.	Drainage area of 304 square miles in Dallas, Ellis, Johnson, and Tarrant Counties.	Trinity River Authority (TRA)  City of Cedar Hill  City of Grand Prairie  City of Mansfield  City of Midlothian	The Joe Pool Lake WPP was approved by the U.S. EPA on October 25, 2022. This approval opens more funding opportunities to implement watershed improvements. The Joe Pool Lake WPP website can be found <a href="#">here</a> .
Lavon Lake WPP	Impaired for bacteria	769 square mile watershed in Collin, Fannin, Grayson, and Hunt Counties.	North Texas Municipal Water District (NTMWD)  Texas A&M AgriLife  Texas State Soil and Water Conservation Board (TSSWCB)	The Lavon Lake WPP was approved by U.S. EPA in 2017. Nonpoint source program grants awarded by TSSWCB and TCEQ are being used to support water quality monitoring, green infrastructure, and outreach. The Lavon Lake watershed was one of two priority watersheds in Texas to receive funding from the Natural Resources Conservation Service in August 2020 to reduce erosion and nutrients. Implementation efforts are ongoing. The Lavon Lake WPP webpage can be found <a href="#">here</a> .
Richland-Chambers Reservoir WPP	Impaired for sulfate, dissolved oxygen  Of concern for chlorophyll-a, bacteria, dissolved oxygen	Northwest of Richland-Chambers Reservoir in parts of Johnson, Ellis, Hill, Limestone, and Navarro Counties.	Tarrant Regional Water District (TRWD)  Texas A&M AgriLife  Texas A&M Spatial Sciences Laboratory (SSL)  Natural Resources Conservation Service (NRCS)  Texas State Soil and Water Conservation Board (TSSWCB)	TRWD is addressing the TSSWCB's comments on the WPP. After those comments are addressed, the WPP will be submitted to EPA for approval. The Richland-Chambers Reservoir WPP webpage can be found <a href="#">here</a> .



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Watershed Protection Plan (WPP) or Characterization Study	Pollutant of Concern or Impairment <sup>a</sup>	Location	Partners	Status (as of May 2023)
Rowlett Creek Watershed Characterization Project	Impaired for bacteria and of concern for nitrate.	Rowlett Creek discharges into Lake Ray Hubbard. The watershed covers parts of Collin and Dallas Counties.	Texas A&M AgriLife Extension Texas Commission on Environmental Quality (TCEQ) City of Plano Southern Methodist University North Texas Municipal Water District (NTMWD) Trinity River Authority (TRA)	Development of the Watershed Protection Plan is underway and the first stakeholder meeting was held in May 2023. The Rowlett Creek Watershed project webpage can be found <a href="#">here</a> .
Village Creek - Lake Arlington WPP	Impaired for bacteria Of concern for chlorophyll-a	143 square miles from Village Creek headwaters near Joshua in northern Johnson County, extending 35 miles to Lake Arlington in southeastern Tarrant County.	City of Arlington Trinity River Authority (TRA) Texas Commission on Environmental Quality (TCEQ)	The Village Creek – Lake Arlington WPP was approved by the Environmental Protection Agency in May 2019. Components of the plan are being implemented through adoption of local plans and ordinances. The Village Creek – Lake Arlington WPP webpage can be found <a href="#">here</a> .

<sup>a</sup> When a waterbody is “impaired,” it is not meeting its applicable water quality standard. When a waterbody is “of concern,” it is at risk of near nonattainment for its designated use. Pollutant level reflects status of waterbody at inception of watershed protection plan.