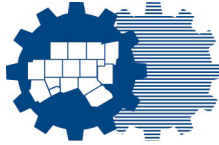


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Figure 7. Status of North Central Texas Watershed Protection Plans and Characterization Project

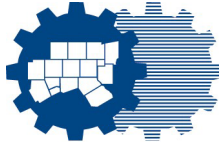
Sources: City of Arlington; TRWD; Brazos River Authority; NTMWD; TCEQ; City of Denton; TRA; and Texas A&M AgriLife, May 2022.

| Watershed Protection Plan (WPP) or Characterization Study | Pollutant of Concern or Impairment ^a | Location | Partners | Status (as of May 2022) |
|---|---|---|--|--|
| 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 here . |
| 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) | Conducting implementation with local funding sources. The Eagle Mountain Reservoir WPP webpage can be found here . |
| 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 ^a | Location | Partners | Status (as of May 2022) |
|---|--|---|--|--|
| 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 draft Joe Pool Lake WPP was released for public review in December 2021. Comments from TCEQ are currently being addressed prior to submittal of the WPP to U.S. EPA for approval. The Joe Pool Lake WPP website can be found here . |
| 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 is ongoing. The Lavon Lake WPP webpage can be found here . |
| 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) | The draft WPP is scheduled to be available for public comment in late summer 2022. The Richland-Chambers Reservoir WPP webpage can be found here . |



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| Watershed Protection Plan (WPP) or Characterization Study | Pollutant of Concern or Impairment ^a | Location | Partners | Status (as of May 2022) |
|---|---|---|---|---|
| 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) | Stakeholder meetings are being held at this time. Development of the Watershed Protection Plan is expected to begin in late 2022. The Rowlett Creek Watershed Characterization project webpage can be found here . |
| 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 here . |

^a 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.