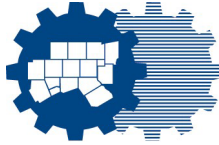


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Figure 7. Status of North Central Texas Watershed Protection Plans and Characterization Project

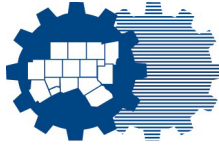
Sources: City of Arlington; TRWD; Brazos River Authority; NTMWD; TCEQ; City of Denton; TRA; and Texas A&M AgriLife, May 2024.

Watershed Protection Plan (WPP) or Characterization Study	Pollutant of Concern or Impairment ^a	Location	Partners	Status (as of May 2024)
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)	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 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.



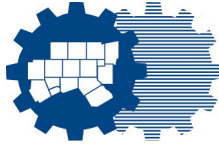
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Watershed Protection Plan (WPP) or Characterization Study	Pollutant of Concern or Impairment ^a	Location	Partners	Status (as of May 2024)
Hickory Creek WPP	Of concern for nutrients and solids	Hickory Creek WPP planning encompasses the area northwest of Lewisville Lake including parts of the City of Denton, Denton County and Wise 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 Texas Commission on Environmental Quality (TCEQ)	The Joe Pool Lake WPP was accepted by the U.S. EPA on October 25, 2022. This opens more funding opportunities to implement watershed improvements. The Joe Pool Lake WPP website can be found here . Current implementation efforts include: (1) funding through a CWA Section 319(h) grant to develop an OSSF geodatabase and remediation program. The funding will also allow for the inspection, repair, or replacement of up to 10 OSSFs; (2) funding through NCTCOG SWIG to develop a Litter and Illegal Dumping Initiative that will include the purchase of a litter trailer, sponsoring and supporting litter cleanups, and reducing illegal dumping through the installation of signage and barriers.
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 accepted by U.S. EPA in 2017. The project is currently supported in part through CWA 319(h) funds from the Texas State Soil & Water Conservation Board, Texas Commission on Environmental Quality and the U.S. Environmental Protection Agency.



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Watershed Protection Plan (WPP) or Characterization Study	Pollutant of Concern or Impairment ^a	Location	Partners	Status (as of May 2024)
				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)	TRWD is addressing the TSSWCB's comments on the WPP. After those comments are addressed, the WPP will be submitted to EPA for acceptance. The Richland-Chambers Reservoir WPP webpage can be found here .
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 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 accepted by the Environmental Protection Agency in May 2019. Current implementation efforts include: (1) funding through a CWA Section 319(h) grant to develop an OSSF geodatabase and remediation program. The funding will also allow for the inspection, repair, or replacement of up to 10 OSSFs; (2) funding through NCTCOG SWIG to develop a Litter and illegal Dumping Initiative that will include the purchase of a litter trailer,



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Watershed Protection Plan (WPP) or Characterization Study	Pollutant of Concern or Impairment ^a	Location	Partners	Status (as of May 2024)
				<p>sponsoring and supporting litter cleanups, and reducing illegal dumping through the installation of signage and barriers; (3) funding provided to Texas A&M AgriLife Research (AgriLife) to implement the VCLA WPP by installing best management practices(BMPs) in the city of Arlington to reduce the bacteria load entering Lake Arlington. AgriLife will consult with stakeholders to identify the best location for the BMP(s), construct the BMP(s), and provide educational signage at the construction site. The effectiveness of each BMP will be assessed by stormwater monitoring, and annual load reductions will be estimated. The VCLA WPP recommends the implementation of structural BMPs, including bioswales/bioretention cells and rain gardens, which are common Green Infrastructure (GI) practices for stormwater quality and quantity management, to mitigate the bacteria of concern, i.e., E. coli, from pet waste and sanitary sewer overflows. The Village Creek – Lake Arlington WPP webpage can be found here.</p>

^aWhen 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.