

Table 1. Completed (2014-2021) and ongoing (2022-2023) environmental flow studies supporting agency strategies and adaptive management in the Brazos River basin-bay area.

TWDB Contract No.	Study Topic	Cooperator	Completion Date
1400011722	Instream flows research and validation methodology framework	Bio-West, Inc.	August 31, 2015
1600012009	Validation or refinement of the adopted TCEQ environmental flow standards for the Brazos River	Bio-West, Inc.	August 31, 2017
1800012239	Baseline research study in support of validation or refinement of TCEQ environmental flow standards in the Brazos River Estuary	Environmental Institute of Houston, University of Houston – Clear Lake	May 31, 2021
1800012253	Suspended sediment sampling at TCEQ environmental flows measurement points in four river basins (Trinity, Brazos, San Antonio, Guadalupe rivers)	U.S. Geological Survey	August 31, 2020
1800012317	Environmental flows validation in three river basins (Brazos, Colorado-Lavaca, and Guadalupe-San Antonio)	Texas A&M AgriLife	August 31, 2021
1900012284	Statewide synthesis of environmental flow studies from 2014–2017	Texas State University	November 15, 2021
2000012412	Continuation of suspended sediment sampling at TCEQ environmental flows measurement points in seven river basins (Neches, Trinity, Brazos, Lavaca, Colorado, and Guadalupe-San Antonio, and Nueces)	U.S. Geological Survey	August 31, 2023
2100012466	Assessment of how streamflow and groundwater elevation trends in the Brazos River Basin may affect surface water availability and attainment of environmental flow standards	Freese & Nichols, Inc.	August 31, 2021
2100012465	Evaluating the attainment of environmental flow standards using daily Water Availability Models (Brazos, Trinity, and Neches)	Anchor QEA, LLC	August 31, 2021
2100012470	Effects of recommended reuse strategies on Brazos Basin streamflow	HDR Engineering, Inc.	August 31, 2021
2100012592	Sediment measurements at USGS gaging stations in Little River Basin and streamflow measurements on South Llano River	U.S. Geological Survey	August 31, 2023
2200012624	Investigating drivers of streamflow in the Brazos River Basin	University of Texas – Arlington	August 31, 2023
2300012679	Evaluate geomorphic change of the Little River	Texas A&M University	August 31, 2024
Pending	Enhancing the data to advance Forecast-Informed Reservoir Operations (FIRO) for operational water management in Texas	University of Texas – Arlington	August 31, 2023
N/A	Surface water-groundwater interaction: Brazos River and alluvial aquifer – Instrumentation of recorder wells on TAMU farm	TWDB	August 31, 2023
Pending	Surface water-groundwater interaction: Brazos River and alluvial aquifer – Aerial electromagnetic survey	Bureau of Economic Geology	August 31, 2024

Please direct questions to: Surface.Water@twdb.texas.gov.

Final contract reports are accessible here: http://www.twdb.texas.gov/publications/reports/contracted_reports/index.asp.

